

HELSINGIN YLIOPISTO
HELSINGFORS UNIVERSITET
UNIVERSITY OF HELSINKI



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL
TRAINING AT THE UNIVERSITY OF HELSINKI 2005–2010

RC-Specific Evaluation of GENU – Governance of Environmental Unknowns

Seppo Saari & Antti Moilanen (Eds.)



Evaluation Panel: Social Sciences

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Title: International Evaluation of Research and Doctoral Training at the University of Helsinki 2005–2010 : RC-Specific Evaluation of GENU – Governance of Environmental Unknowns		Type of publication: Evaluations
Summary: Researcher Community (RC) was a new concept of the participating unit in the evaluation. Participation in the evaluation was voluntary and the RCs had to choose one of the five characteristic categories to participate. Evaluation of the Researcher Community was based on the answers to the evaluation questions. In addition a list of publications and other activities were provided by the TUHAT system. The CWTS/Leiden University conducted analyses for 80 RCs and the Helsinki University Library for 66 RCs. Panellists, 49 and two special experts in five panels evaluated all the evaluation material as a whole and discussed the feedback for RC-specific reports in the panel meetings in Helsinki. The main part of this report is consisted of the feedback which is published as such in the report. Chapters in the report: 1. Background for the evaluation 2. Evaluation feedback for the Researcher Community 3. List of publications 4. List of activities 5. Bibliometric analyses The level of the RCs' success can be concluded from the written feedback together with the numeric evaluation of four evaluation questions and the category fitness. More conclusions of the success can be drawn based on the University-level report.		
RC-specific information:		
Main scientific field of research: Social Sciences	RC-specific keywords: Environmental governance, uncertainty, complexity, ambiguity, environmental risk, globalization, political ecology, natural resource management, land use conflict	
Participation category: 4. Research of the participating community represents an innovative opening		
RC's responsible person: Hukkinen, Janne I.		
Keywords: Research Evaluation, Meta-evaluation, Doctoral Training, Bibliometric Analyses, Researcher Community		

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Foreword

The evaluation of research and doctoral training is being carried out in the years 2010–2012 and will end in 2012. The steering group appointed by the Rector in January 2010 set the conditions for participating in the evaluation and prepared the Terms of Reference to present the evaluation procedure and criteria. The publications and other scientific activities included in the evaluation covered the years 2005–2010.

The participating unit in the evaluation was defined as a Researcher Community (RC). To obtain a critical mass with university-level impact, the number of members was set to range from 20 to 120. The RCs were required to contain researchers in all stages of their research career, from doctoral students to principal investigators (PIs). All in all, 136 Researcher Communities participated in this voluntary evaluation, 5857 persons in total, of whom 1131 were principal investigators. PIs were allowed to participate in two communities in certain cases, and 72 of them used this opportunity and participated in two RCs.

This evaluation enabled researchers to define RCs from the “bottom up” and across disciplines. The aim of the evaluation was not to assess individual performance but a community with shared aims and researcher-training activities. The RCs were able to choose among five different categories that characterised the status and main aims of their research. The steering group considered the process of applying to participate in the evaluation to be important, which led to the establishment of these categories. In addition, providing a service for the RCs to enable them to benchmark their research at the global level was a main goal of the evaluation.

The data for the evaluation consisted of the RCs’ answers to evaluation questions on supplied e-forms and a compilation extracted from the TUHAT – Research Information System (RIS) on 12 April 2011. The compilation covered scientific and other publications as well as certain areas of scientific activities. During the process, the RCs were asked to check the list of publications and other scientific activities and make corrections if needed. These TUHAT compilations are public and available on the evaluation project sites of each RC in the TUHAT-RIS.

In addition to the e-form and TUHAT compilation, University of Leiden (CWTS) carried out bibliometric analyses from the articles included in the Web of Science (WoS). This was done on University and RC levels. In cases where the publication forums of the RC were clearly not represented by the WoS data, the Library of the University of Helsinki conducted a separate analysis of the publications. This was done for 66 RCs representing the humanities and social sciences.

The evaluation office also carried out an enquiry targeted to the supervisors and PhD candidates about the organisation of doctoral studies at the University of Helsinki. This and other documents describing the University and the Finnish higher education system were provided to the panellists.

The panel feedback for each RC is unique and presented as an entity. The first collective evaluation reports available for the whole panel were prepared in July–August 2011. The reports were accessible to all panel members via the electronic evaluation platform in August. Scoring from 1 to 5 was used to complement written feedback in association with evaluation questions 1–4 (scientific focus and quality, doctoral training, societal impact, cooperation) and in addition to the category evaluating the fitness for participation in the evaluation. Panellists used the international level as a point of comparison in the evaluation. Scoring was not expected to go along with a preset deviation.

Each of the draft reports were discussed and dealt with by the panel in meetings in Helsinki (from 11 September to 13 September or from 18 September to 20 September 2011). In these meetings the panels also examined the deviations among the scores and finalised the draft reports together.

The current RC-specific report deals shortly with the background of the evaluation and the terms of participation. The main evaluation feedback is provided in the evaluation report, organised according to the evaluation questions. The original material provided by the RCs for the panellists has been attached to these documents.

On behalf of the evaluation steering group and office, I sincerely wish to thank you warmly for your participation in this evaluation. The effort you made in submitting the data to TUHAT-RIS is gratefully acknowledged by the University. We wish that you find this panel feedback useful in many ways. The bibliometric profiles may open a new view on your publication forums and provide a perspective for discussion on your choice of forums. We especially hope that this evaluation report will help you in setting the future goals of your research.

Johanna Björkroth
Vice-Rector
Chair of the Steering Group of the Evaluation

Steering Group of the evaluation

Steering group, nominated by the Rector of the University, was responsible for the planning of the evaluation and its implementation having altogether 22 meetings between February 2010 and March 2012.

Chair

Vice-Rector, professor **Johanna Björkroth**

Vice-Chair

Professor **Marja Airaksinen**

Chief Information Specialist, Dr **Maria Forsman**

Professor **Arto Mustajoki**

University Lecturer, Dr **Kirsi Pyhältö**

Director of Strategic Planning and Development, Dr **Ossi Tuomi**

Doctoral candidate, MSocSc **Jussi Vauhkonen**

Panel members

CHAIR

Professor Hebe Vessuri

Social anthropology
Venezuelan Institute of Scientific Research, Venezuela

VICE-CHAIR

Professor Christine Heim

Psychology, neurobiology of early-life stress, depression, anxiety, functional somatic disorders
Charité University Medicine Berlin, Germany

Professor Allen Ketcham

Ethics and social philosophy, applied Social philosophy, ethics of business
Texas A&M University – Kingsville, USA

Professor Erno Lehtinen

Education, educational reform
University of Turku, Finland

Professor Enzo Mingione

Urban sociology
University of Milan - Bicocca, Italy

Professor Giovanna Procacci

Political sociology, transformation of citizenship, social rights, social exclusion, immigration policy
University of Milan, Italy

Professor Inger Johanne Sand

Law, public law, legal theory
University of Oslo, Norway

Professor Timo Teräsvirta

Time series econometrics
Aarhus University, Denmark

Professor Göran Therborn

General sociology
University of Cambridge, Great Britain

Professor Liisa Uusitalo

Consumer behaviour (economic & social theory), marketing and communication research
Aalto University, School of Economics, Finland

The panel, independently, evaluated all the submitted material and was responsible for the feedback of the RC-specific reports. The panel members were asked to confirm whether they had any conflict of interests with the RCs. If this was the case, the panel members disqualified themselves in discussion and report writing.

Added expertise to the evaluation was contributed by two members from the Panel of Humanities.

Experts from the Panel of Humanities

Professor Erhard Hinrichs

Professor Pauline von Bonsdorff

EVALUATION OFFICE

Dr Seppo Saari, Doc., Senior Adviser in Evaluation, was responsible for the entire evaluation, its planning and implementation and acted as an Editor-in-chief of the reports.

Dr Eeva Sievi, Doc., Adviser, was responsible for the registration and evaluation material compilations for the panellists. She worked in the evaluation office from August 2010 to July 2011.

MSocSc Paula Ranne, Planning Officer, was responsible for organising the panel meetings and all the other practical issues like agreements and fees and editing a part the RC-specific reports. She worked in the evaluation office from March 2011 to January 2012.

Mr Antti Moilanen, Project Secretary, was responsible for editing the reports. He worked in the evaluation office from January 2012 to April 2012.

TUHAT OFFICE

Provision of the publication and other scientific activity data

Mrs Aija Kaitera, Project Manager of TUHAT-RIS served the project ex officio providing the evaluation project with the updated information from TUHAT-RIS. The TUHAT office assisted in mapping the publications with CWTS/University of Leiden.

MA Liisa Ekebon, Assisting Officer, served in TUHAT-RIS updating the publications for the evaluation. She also assisted the UH/Library analyses.

BA Liisa Jäppinen, Assisting Officer, served in TUHAT-RIS updating the publications for the evaluation.

HELSINKI UNIVERSITY LIBRARY

Provision of the publication analyses

Dr Maria Forsman, Chief Information Specialist in the Helsinki University Library, managed with her 10 colleagues the bibliometric analyses in humanities, social sciences and in other fields of sciences where CWTS analyses were not applicable.

Acronyms and abbreviations applied in the report

External competitive funding

AF – Academy of Finland
TEKES - Finnish Funding Agency for Technology and Innovation
EU - European Union
ERC - European Research Council
International and national foundations
FP7/6 etc. /Framework Programmes/Funding of European Commission

Evaluation marks

Outstanding (5)
Excellent (4)
Very Good (3)
Good (2)
Sufficient (1)

Abbreviations of Bibliometric Indicators

P - Number of publications
TCS – Total number of citations
MCS - Number of citations per publication, excluding self-citations
PNC - Percentage of uncited publications
MNCS - Field-normalized number of citations per publication
MNJS - Field-normalized average journal impact
THCP10 - Field-normalized proportion highly cited publications (top 10%)
INT_COV - Internal coverage, the average amount of references covered by the WoS
WoS – Thomson Reuters Web of Science Databases

Participation category

Category 1. The research of the participating community represents the international cutting edge in its field.
Category 2. The research of the participating community is of high quality, but the community in its present composition has yet to achieve strong international recognition or a clear break-through.
Category 3. The research of the participating community is distinct from mainstream research, and the special features of the research tradition in the field must be considered in the evaluation.
Category 4. The research of the participating community represents an innovative opening.
Category 5. The research of the participating community has a highly significant societal impact.

Research focus areas of the University of Helsinki

Focus area 1: The basic structure, materials and natural resources of the physical world
Focus area 2: The basic structure of life
Focus area 3: The changing environment – clean water
Focus area 4: The thinking and learning human being
Focus area 5: Welfare and safety
Focus area 6: Clinical research
Focus area 7: Precise reasoning
Focus area 8: Language and culture
Focus area 9: Social justice
Focus area 10: Globalisation and social change

1 Introduction to the Evaluation

1.1 RC-specific evaluation reports

The participants in the evaluation of research and doctoral training were Researcher Communities (hereafter referred to as the RC). The RC refers to the group of researchers who registered together in the evaluation of their research and doctoral training. Preconditions in forming RCs were stated in the Guidelines for the Participating Researcher Communities. The RCs defined themselves whether their compositions should be considered well-established or new.

It is essential to emphasise that the evaluation combines both meta-evaluation¹ and traditional research assessment exercise and its focus is both on the research outcomes and procedures associated with research and doctoral training. The approach to the evaluation is enhancement-led where self-evaluation constituted the main information. The answers to the evaluation questions formed together with the information of publications and other scientific activities an entity that was to be reviewed as a whole.

The present evaluation recognizes and justifies the diversity of research practices and publication traditions. Traditional Research Assessment Exercises do not necessarily value high quality research with low volumes or research distinct from mainstream research. It is challenging to expose the diversity of research to fair comparison. To understand the essence of different research practices and to do justice to their diversity was one of the main challenges of the present evaluation method. Understanding the divergent starting points of the RCs demanded sensitivity from the evaluators.

1.2 Aims and objectives in the evaluation

The aims of the evaluation are as follows:

- to improve the level of research and doctoral training at the University of Helsinki and to raise their international profile in accordance with the University's strategic policies. The improvement of doctoral training should be compared to the University's policy.²
- to enhance the research conducted at the University by taking into account the diversity, originality, multidisciplinary nature, success and field-specificity,
- to recognize the conditions and prerequisites under which excellent, original and high-impact research is carried out,
- to offer the academic community the opportunity to receive topical and versatile international peer feedback,
- to better recognize the University's research potential.
- to exploit the University's TUHAT research information system to enable transparency of publishing activities and in the production of reliable, comparable data.

1.3 Evaluation method

The evaluation can be considered as an enhancement-led evaluation. Instead of ranking, the main aim is to provide useful information for the enhancement of research and doctoral training of the participating RCs. The comparison should take into account each field of science and acknowledge their special character.

¹ The panellists did not read research reports or abstracts but instead, they evaluated answers to the evaluation questions, tables and compilations of publications, other scientific activities, bibliometrics or comparable analyses.

² [Policies on doctoral degrees and other postgraduate degrees at the University of Helsinki.](#)

The comparison produced information about the present status and factors that have lead to success. Also challenges in the operations and outcomes were recognized.

The evaluation approach has been designed to recognize better the significance and specific nature of researcher communities and research areas in the multidisciplinary top-level university. Furthermore, one of the aims of the evaluation is to bring to light those evaluation aspects that differ from the prevalent ones. Thus the views of various fields of research can be described and research arising from various starting points understood better. The doctoral training is integrated into the evaluation as a natural component related to research. Operational processes of doctoral training are being examined in the evaluation.

Five stages of the evaluation method were:

1. Registration – Stage 1
2. Self-evaluation – Stage 2
3. TUHAT³ compilations on publications and other scientific activities⁴
4. External evaluation
5. Public reporting

1.4 Implementation of the external evaluation

Five Evaluation Panels

Five evaluation panels consisted of independent, renowned and highly respected experts. The main domains of the panels are:

1. biological, agricultural and veterinary sciences
2. medicine, biomedicine and health sciences
3. natural sciences
4. humanities
5. social sciences

The University invited 10 renowned scientists to act as chairs or vice-chairs of the five panels based on the suggestions of faculties and independent institutes. Besides leading the work of the panel, an additional role of the chairs was to discuss with other panel chairs in order to adopt a broadly similar approach. The panel chairs and vice-chairs had a pre-meeting on 27 May 2011 in Amsterdam.

The panel compositions were nominated by the Rector of the University 27 April 2011. The participating RCs suggested the panel members. The total number of panel members was 50. The reason for a smaller number of panellists as compared to the previous evaluations was the character of the evaluation as a meta-evaluation. The panellists did not read research reports or abstracts but instead, they evaluated answers to the evaluation questions, tables and compilations of publications, other scientific activities, bibliometrics and comparable analyses.

The panel meetings were held in Helsinki:

- On 11–13 September 2011: (1) biological, agricultural and veterinary sciences, (2) medicine, biomedicine and health sciences and (3) natural sciences.
- On 18–20 September 2011: (4) humanities and (5) social sciences.

³ TUHAT (acronym) of Research Information System (RIS) of the University of Helsinki

⁴ Supervision of thesis, prizes and awards, editorial work and peer reviews, participation in committees, boards and networks and public appearances.

1.5 Evaluation material

The main material in the evaluation was the RCs' self-evaluations that were qualitative in character and allowed the RCs to choose what was important to mention or emphasise and what was left unmentioned.

The present evaluation is exceptional at least in the Finnish context because it is based on both the evaluation documentation (self-evaluation questions, publications and other scientific activities) and the bibliometric reports. All documents were delivered to the panellists for examination.

Traditional bibliometrics can be reasonably done mainly in medicine, biosciences and natural sciences when using the Web of Science database, for example. Bibliometrics, provided by CWTS/The Centre for Science and Technology Studies, University of Leiden, cover only the publications that include WoS identification in the TUHAT-RIS.

Traditional bibliometrics are seldom relevant in humanities and social sciences because the international comparable databases do not store every type of high quality research publications, such as books and monographs and scientific journals in other languages than English. The Helsinki University Library has done analysis to the RCs, if their publications were not well represented in the Web of Science databases (RCs should have at least 50 publications and internal coverage of publications more than 40%) – it meant 58 RCs. The bibliometric material for the evaluation panels was available in June 2011. The RC-specific bibliometric reports are attached at the end of each report.

The panels were provided with the evaluation material and all other necessary background information, such as the basic information about the University of Helsinki and the Finnish higher education system.

Evaluation material

1. Registration documents of the RCs for the background information
2. Self evaluation material – answers to the evaluation questions
3. Publications and other scientific activities based on the TUHAT RIS:
 - 3.1. statistics of publications
 - 3.2. list of publications
 - 3.3. statistics of other scientific activities
 - 3.4. list of other scientific activities
4. Bibliometrics and comparable analyses:
 - 4.1. Analyses of publications based on the verification of TUHAT-RIS publications with the Web of Science publications (CWTS/University of Leiden)
 - 4.2. Publication statistics analysed by the Helsinki University Library - mainly for humanities and social sciences
5. University level survey on doctoral training (August 2011)
6. University level analysis on publications 2005–2010 (August 2011) provided by CWTS/University of Leiden

Background material

University of Helsinki

- [Basic information about the University of the Helsinki](#)
- [The structure of doctoral training at the University of Helsinki](#)
- Previous evaluations of research at the University of Helsinki – links to the reports: [1998](#) and [2005](#)

The Finnish Universities/Research Institutes

- [Finnish University system](#)
- [Evaluation of the Finnish National Innovation System](#)
- [The State and Quality of Scientific Research in Finland. Publication of the Academy of Finland 9/09.](#)

The evaluation panels were provided also with other relevant material on request before the meetings in Helsinki.

1.6 Evaluation questions and material

The participating RCs answered the following evaluation questions which are presented according to the evaluation form. In addition, TUHAT RIS was used to provide the **additional material** as explained. For giving the feedback to the RCs, the panellists received the evaluation feedback form constructed in line with the evaluation questions:

1. Focus and quality of the RC's research

- Description of
 - the RC's research focus.
 - the quality of the RC's research (incl. key research questions and results)
 - the scientific significance of the RC's research in the research field(s)
- Identification of the ways to strengthen the focus and improve the quality of the RC's research

The additional material: TUHAT compilation of the RC's publications, analysis of the RC's publications data (provided by University of Leiden and the Helsinki University Library)

A written feedback from the aspects of: scientific quality, scientific significance, societal impact, innovativeness

- Strengths
- Areas of development
- Other remarks
- Recommendations

Numeric evaluation: OUTSTANDING (5), EXCELLENT (4), VERY GOOD (3), GOOD (2), SUFFICIENT (1)

2. Practises and quality of doctoral training

- Organising of the doctoral training in the RC. Description of the RC's principles for:
 - recruitment and selection of doctoral candidates
 - supervision of doctoral candidates
 - collaboration with faculties, departments/institutes, and potential graduate schools/doctoral programmes
 - good practises and quality assurance in doctoral training
 - assuring of good career perspectives for the doctoral candidates/fresh doctorates
- Identification of the RC's strengths and challenges related to the practises and quality of doctoral training, and the actions planned for their development.

The additional material: TUHAT compilation of the RC's other scientific activities/supervision of doctoral dissertations

A written feedback from the aspects of: processes and good practices related to leadership and management

- Strengths
- Areas of development
- Other remarks
- Recommendations

Numeric evaluation: OUTSTANDING (5), EXCELLENT (4), VERY GOOD (3), GOOD (2), SUFFICIENT (1)

3. The societal impact of research and doctoral training

- Description on how the RC interacts with and contributes to the society (collaboration with public, private and/or 3rd sector).
- Identification of the ways to strengthen the societal impact of the RC's research and doctoral training.

The additional material: TUHAT compilation of the RC's other scientific activities.

A written feedback from the aspects of: societal impact, national and international collaboration, innovativeness

- Strengths
- Areas of development
- Other remarks
- Recommendations

Numeric evaluation: OUTSTANDING (5), EXCELLENT (4), VERY GOOD (3), GOOD (2), SUFFICIENT (1)

4. International and national (incl. intersectoral) research collaboration and researcher mobility

- Description of
 - the RC's research collaborations and joint doctoral training activities
 - how the RC has promoted researcher mobility
- Identification of the RC's strengths and challenges related to research collaboration and researcher mobility, and the actions planned for their development.

A written feedback from the aspects of: scientific quality, national and international collaboration

- Strengths
- Areas of development
- Other remarks
- Recommendations

Numeric evaluation: OUTSTANDING (5), EXCELLENT (4), VERY GOOD (3), GOOD (2), SUFFICIENT (1)

5. Operational conditions

- Description of the operational conditions in the RC's research environment (e.g. research infrastructure, balance between research and teaching duties).
- Identification of the RC's strengths and challenges related to operational conditions, and the actions planned for their development.

A written feedback from the aspects of: processes and good practices related to leadership and management

- Strengths
- Areas of development
- Other remarks
- Recommendations

6. Leadership and management in the researcher community

- Description of
 - the execution and processes of leadership in the RC
 - how the management-related responsibilities and roles are distributed in the RC
 - how the leadership- and management-related processes support
 - high quality research
 - collaboration between principal investigators and other researchers in the RC
 - the RC's research focus
 - strengthening of the RC's know-how
- Identification of the RC's strengths and challenges related to leadership and management, and the actions planned for developing the processes

7. External competitive funding of the RC

- The RCs were asked to provide information of such external competitive funding, where:
 - the funding decisions have been made during 1.1.2005-31.12.2010, and
 - the administrator of the funding is/has been the University of Helsinki
- On the e-form the RCs were asked to provide:
 - 1) The relevant funding source(s) from a given list (Academy of Finland/Research Council, TEKES/The Finnish Funding Agency for Technology and Innovation, EU, ERC, foundations, other national funding organisations, other international funding organisations), and
 - 2) The total sum of funding which the organisation in question had decided to allocate to the RCs members during 1.1.2005-31.12.2010.

Competitive funding reported in the text is also to be considered when evaluating this point.

A written feedback from the aspects of: scientific quality, scientific significance, societal impact, innovativeness, future significance

- Strengths
- Areas of development
- Other remarks
- Recommendations

8. The RC's strategic action plan for 2011-2013

- RC's description of their future perspectives in relation to research and doctoral training.

A written feedback from the aspects of: scientific quality, scientific significance, societal impact, processes and good practices related to leadership and management, national and international collaboration, innovativeness, future significance

- Strengths
- Areas of development

- Other remarks
- Recommendations

9. Evaluation of the category of the RC in the context of entity of the evaluation material (1-8)

The RC's fitness to the chosen participation category

A written feedback evaluating the RC's fitness to the chosen participation category

- Strengths
- Areas of development
- Other remarks
- Recommendations

Numeric evaluation: OUTSTANDING (5), EXCELLENT (4), VERY GOOD (3), GOOD (2), SUFFICIENT (1)

10. Short description of how the RC members contributed the compilation of the stage 2 material

Comments on the compilation of evaluation material

11. How the UH's focus areas are presented in the RC's research?

Comments if applicable

12. RC-specific main recommendations based on the previous questions 1-11

13. RC-specific conclusions

1.7 Evaluation criteria

The panellists were expected to give evaluative and analytical feedback to each evaluation question according to their aspects in order to describe and justify the quality of the submitted material. In addition, the evaluation feedback was asked to be pointed out the level of the performance according to the following classifications:

- outstanding (5)
- excellent (4)
- very good (3)
- good (2)
- sufficient (1)

Evaluation according to the criteria was to be made with thorough consideration of the entire evaluation material of the RC in question. Finally, in questions 1-4 and 9, the panellists were expected to classify their written feedback into one of the provided levels (the levels included respective descriptions, 'criteria'). Some panels used decimals in marks. The descriptive level was interpreted according to the integers and not rounding up the decimals by the editors.

Description of criteria levels

Question 1 – FOCUS AND QUALITY OF THE RC'S RESEARCH

Classification: Criteria (level of procedures and results)

Outstanding quality of procedures and results (5)

Outstandingly strong research, also from international perspective. Attracts great international interest with a wide impact, including publications in leading journals and/or monographs published by leading international publishing houses. The research has world leading qualities. The research focus, key research questions scientific significance, societal impact and innovativeness are of outstanding quality.

In cases where the research is of a national character and, in the judgement of the evaluators, should remain so, the concepts of "international attention" or "international impact" etc. in the grading criteria above may be replaced by "international comparability".

Operations and procedures are of outstanding quality, transparent and shared in the community. The improvement of research and other efforts are documented and operations and practices are in alignment with the documentation. The ambition to develop the community together is of outstanding quality.

Excellent quality of procedures and results (4)

Research of excellent quality. Typically published with great impact, also internationally. Without doubt, the research has a leading position in its field in Finland.

Operations and procedures are of excellent quality, transparent and shared in the community. The improvement of research and other efforts are documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of excellent quality.

Very good quality of procedures and results (3)

The research is of such very good quality that it attracts wide national and international attention.

Operations and procedures are of very good quality, transparent and shared in the community. The improvement of research and other efforts are documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of very good quality.

Good quality of procedures and results (2)

Good research attracting mainly national attention but possessing international potential, extraordinarily high relevance may motivate good research.

Operations and procedures are of good quality, shared occasionally in the community. The improvement of research and other efforts are occasionally documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of good quality.

Sufficient quality of procedures and results (1)

In some cases the research is insufficient and reports do not gain wide circulation or do not have national or international attention. Research activities should be revised.

Operations and procedures are of sufficient quality, shared occasionally in the community. The improvement of research and other efforts are occasionally documented and operations and practices are to some extent in alignment with the documentation. The ambition to develop the community together is of sufficient quality.

Question 2 – DOCTORAL TRAINING

Question 3 – SOCIETAL IMPACT

Question 4 – COLLABORATION

Classification: Criteria (level of procedures and results)

Outstanding quality of procedures and results (5)

Procedures are of outstanding quality, transparent and shared in the community. The practices and quality of doctoral training/societal impact/international and national collaboration/leadership and management are documented and operations and practices are in alignment with the documentation. The ambition to develop the community together is of outstanding quality. The procedures and results are regularly evaluated and the feedback has an effect on the planning.

Excellent quality of procedures and results (4)

Procedures are of excellent quality, transparent and shared in the community. The practices and quality of doctoral training/societal impact/international and national collaboration/leadership and management are documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of excellent quality. The procedures and outcomes are evaluated and the feedback has an effect on the planning.

Very good quality of procedures and results (3)

Procedures are of very good quality, transparent and shared in the community. The practices and quality of doctoral training/societal impact/international and national collaboration/leadership and

management are documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of very good quality.

Good quality of procedures and results (2)

Procedures are of good quality, shared occasionally in the community. The practices and quality of doctoral training/societal impact/international and national collaboration/leadership and management are documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of good quality.

Sufficient quality of procedures and results (1)

Procedures are of sufficient quality, transparent and shared in the community. The practices and quality of doctoral training/societal impact/international and national collaboration/leadership and management are occasionally documented and operations and practices are to some extent in alignment with the documentation. The ambition to develop the community together is of sufficient quality.

Question 9 – CATEGORY

Participation category – fitness for the category chosen

The choice and justification for the chosen category below should be reflected in the RC's responses to the evaluation questions 1–8.

1. *The research of the participating community represents the international cutting edge in its field.*
2. *The research of the participating community is of high quality, but the community in its present composition has yet to achieve strong international recognition or a clear break-through.*
3. *The research of the participating community is distinct from mainstream research, and the special features of the research tradition in the field must be considered in the evaluation.* The research is of high quality and has great significance and impact in its field. However, the generally used research evaluation methods do not necessarily shed sufficient light on the merits of the research.
4. *The research of the participating community represents an innovative opening.* A new opening can be an innovative combination of research fields, or it can be proven to have a special social, national or international demand or other significance. Even if the researcher community in its present composition has yet to obtain proof of international success, its members can produce convincing evidence of the high level of their previous research.
5. *The research of the participating community has a highly significant societal impact.* The participating researcher community is able to justify the high social significance of its research. The research may relate to national legislation, media visibility or participation in social debate, or other activities promoting social development and human welfare. In addition to having societal impact, the research must be of a high standard.

An example of outstanding fitness for category choice (5) ⁵

The RC's representation and argumentation for the chosen category were convincing. The RC recognized its real capacity and apparent outcomes in a wider context to the research communities. The specific character of the RC was well-recognized and well stated in the responses. The RC fitted optimally for the category.

- Outstanding (5)
- Excellent (4)
- Very good (3)
- Good (2)
- Sufficient (1)

The above-mentioned definition of outstanding was only an example in order to assist the panellists in the positioning of the classification. There was no exact definition for the category fitness.

⁵ The panels discussed the category fitness and made the final conclusions of the interpretation of it.

1.8 Timetable of the evaluation

The main timetable of the evaluation:

- | | |
|--|-----------------------|
| 1. Registration | November 2010 |
| 2. Submission of self-evaluation materials | January–February 2011 |
| 3. External peer review | May–September 2011 |
| 4. Published reports | March–April 2012 |
| - University level public report | |
| - RC specific reports | |

The entire evaluation was implemented during the university's strategy period 2010–2012. The preliminary results were available for the planning of the following strategy period in late autumn 2011. The evaluation reports will be published in March/April 2012. More detailed time schedule is published in the University report.

1.9 Evaluation feedback – consensus of the entire panel

The panellists evaluated all the RC-specific material before the meetings in Helsinki and mailed the draft reports to the evaluation office. The latest interim versions were on-line available to all the panellists on the Wiki-sites. In September 2011, in Helsinki the panels discussed the material, revised the first draft reports and decided the final numeric evaluation. After the meetings in Helsinki, the panels continued working and finalised the reports before the end of November 2011. The final RC-specific reports are the consensus of the entire panel.

The evaluation reports were written by the panels independently. During the editing process, the evaluation office requested some clarifications from the panels when necessary. The tone and style in the reports were not harmonized in the editing process. All the reports follow the original texts written by the panels as far as it was possible.

The original evaluation material of the RCs, provided for the panellists is attached at the end of the report. It is essential to notice that the exported lists of publications and other scientific activities depend how the data was stored in the TUHAT-RIS by the RCs.

2 Evaluation feedback

2.1 Focus and quality of the RC's research

- *Description of*
 - *the RC's research focus*
 - *the quality of the RC's research (incl. key research questions and results)*
 - *the scientific significance of the RC's research in the research field(s)*
- *Identification of the ways to strengthen the focus and improve the quality of the RC's research*

ASPECTS: Scientific quality, scientific significance, societal impact, innovativeness

The focus of the RC is to produce knowledge to help face the governance of multi-level environmental problems. With its key research questions the RC aims to be innovative because of the synergistic potential its several combined approaches offer.

The research tries to combine critical and interdisciplinary research questions related to democratic environmental concerns with a renewed political ecology approach, resource governance, risk studies and the transformation of global production and consumption chains, with several of its members having already experience in producing conceptual models for several of these areas.

The RC's scientific significance is supported on the achievements and visibility of the theoretical and methodological research in community forestry and certified agricultural and forest production in different community settings, as well as on the study of urban socio-ecology in which GENU researchers stand out both nationally and internationally.

Research productivity is encouraged via the production of article based and monograph based dissertations of PhD candidates. The aim is to foster a more active promotion of joint publications in international peer reviewed journals and, in general, to foster collaboration, active networking and visits of research group members as visiting scholars or as PhD trainees in highly qualified international institutions. Although the RC publication record (380) is quite good with respect to other RCs it does seem that the publications resonate partially with stated objectives of the RC. It seems that this is a future aim stated in the text as possible ways to strengthen the focus and integration of the RC. Moreover, publications of doctoral and postdoctoral researchers are mainly in national journals, collective volumes and publishing houses. It is recommended that efforts are made for increasing opportunities of international publications for young researchers.

The RC is aware that interdisciplinary collaboration among the participant groups is only at its beginning and that fostering their integration is crucial; it is recommended that all efforts are made in such a direction.

Numeric evaluation: 4 (Excellent)

2.2 Practises and quality of doctoral training

- *Organising of the doctoral training in the RC. Description of the RC's principles for:*
 - *recruitment and selection of doctoral candidates*
 - *supervision of doctoral candidates*
 - *collaboration with faculties, departments/institutes, and potential graduate schools/doctoral programmes*
 - *good practises and quality assurance in doctoral training*
 - *assuring of good career perspectives for the doctoral candidates/fresh doctorates*
- *Identification of the RC's strengths and challenges related to the practises and quality of doctoral training, and the actions planned for their development.*

- *Additional material: TUHAT compilation of the RC's other scientific activities/supervision of doctoral dissertations*

ASPECTS: *Processes and good practices related to leadership and management*

There are valuable synergies involved in the training: GENU doctoral training includes doctoral students from the Faculty of Social sciences and from the Faculty of Biological and Environmental Sciences, is linked to a UH research center (HENVI) and affiliated with 7 national graduate schools and with a Center of Excellence in Global Governance Research.

Procedures of recruitment and selection of doctoral candidates are systematic and shared by the community. Candidates are selected competitively in an open call. Procedures of supervision are well spelled out. Good practices and quality assurance has also been systematized by each graduate school affiliated with GENU.

Among the challenges identified by the RC are the need to deepen the understanding of multi-, inter-, and transdisciplinarity in connection with the several disciplines making up the area of concern of the doctoral program as an emerging knowledge field.

The RC informs about selected research projects in the 2005-2010 period, and also about activities related to candidates supervision, pre-examinations of doctoral defences, etc, but it would be useful to have a clear record of completed dissertations and what is the number of PhD students per PI they consider to be optimal, particularly since there seems to be an interest in reducing the number of doctoral students per supervisor, as well as reducing the teaching load of the PI to allow them more time for fieldwork and/or writing, or securing funding for PhD candidates.

The seminar program is not very clear, the all training program sounds divided through the different groups; individual supervision sounds consistent and well organized; language requirements are not clear.

Numeric evaluation: 3 (Very good)

2.3 The societal impact of research and doctoral training

- *Description on how the RC interacts with and contributes to the society (collaboration with public, private and/or 3rd sector).*
- *Identification of the ways to strengthen the societal impact of the RC's research and doctoral training.*
- *Additional material: TUHAT compilation of the RC's other scientific activities.*

ASPECTS: *Societal impact, national and international collaboration, innovativeness*

Research and expertise of GENU members are highly relevant for policy makers at both EU and national level. They are aware of the importance of improving communication and are very active in public presentations and writing in popular media.

GENU has a good portfolio of contacts and interactions with a varied range of stakeholders. As a way to approach more systematically relevant sectorial institutions, ministries and other environment-development institutions, the RC envisages producing policy briefs and strengthening active interactions with stakeholders.

We find commendable the idea of a new course on Environmental Policy Deliberation in order to train doctoral students on how to actively engage in the science-policy interface.

Numeric evaluation: 4 (Excellent)

2.4 International and national (incl. intersectoral) research collaboration and researcher mobility

- *Description of*
 - *the RC's research collaborations and joint doctoral training activities*
 - *how the RC has promoted researcher mobility*

- *Identification of the RC's strengths and challenges related to research collaboration and researcher mobility, and the actions planned for their development.*

ASPECTS: *Scientific quality, national and international collaboration*

The network of research collaboration looks large and well established both at the international and national level, revealing a good spread of countries, institutions and responsible participants.

Among the mechanisms by which the RC promotes researcher mobility GENU has provided information channels and reserved funding for members to participate in scientific events and in doctoral training courses and the same is applied in the case of research projects. It is not clear, though, how far that support goes.

At the same time, researcher mobility raises challenges of which the RC seems to be well aware. Particularly when carrying out empirical research in developing countries, this, which is signaled in the submission as a challenge (which it certainly is) can also be considered as an asset, for it reveals that there is true interaction with researchers and institutions in those countries, and therefore the focus area of globalization and social change acquires a more realistic outlook.

Numeric evaluation: 4 (Excellent)

2.5 Operational conditions

- *Description of the operational conditions in the RC's research environment (e.g. research infrastructure, balance between research and teaching duties).*
- *Identification of the RC's strengths and challenges related to operational conditions, and the actions planned for their development.*

ASPECTS: *Processes and good practices related to leadership and management*

Operational conditions in the RC's research environment are good in most respects.

Although GENU professors can devote one of four academic quarters to research and PhD tutoring, this is considered by the group insufficient and the teaching load is perceived as being excessive. It is not clear to the panellists whether some of the administrative duties, that academic leaders have, are very time-consuming affecting their teaching and research load. The documentation provided, only informs that key members of GENU are uniquely positioned within the UH administration as a positive asset for the coordination of the RC activities. In view of the UH policies supporting leadership but also the idea that every researcher will also be a teacher, it is suggested to look into this in order to strike the right balance.

The panel found it commendable that although some research fields represented in GENU are very small at UH (such as environmental social science) GENU is actively working to strengthen such under-resourced fields they consider strategic.

GENU members are located on different sites and campuses, often quite far away from each other and this is perceived as a critical point from the point of view of the RC's integration. The panel recommends that in the future efforts, UH should overcome the risks of dispersion and find means for agglutination.

2.6 Leadership and management in the researcher community

- *Description of*
 - *the execution and processes of leadership in the RC*
 - *how the management-related responsibilities and roles are distributed in the RC*
 - *how the leadership- and management-related processes support*
 - *high quality research*
 - *collaboration between principal investigators and other researchers in the RC*
 - *the RC's research focus*
 - *strengthening of the RC's know-how*

- *Identification of the RC's strengths and challenges related to leadership and management, and the actions planned for developing the processes*

ASPECTS: Processes and good practices related to leadership and management

The execution and processes of leadership in the RC are organized in the form of a distributed but coordinated management, facilitated by the organizational positions occupied by several members in the UH.

The management procedures seem excellent and shared in the community through the PI who coordinates the activities of each subgroup.

The RC's plan for organizing in the future annual research strategy sessions with senior members should be encouraged in so far as it might help to overcome the relative separation between subgroups, and the same for joint PhD training programmes. Although overall integrated coordination of the RC is argued to insure adequate support of management-related processes, all efforts should be made for giving to the RC a more coordinated management, in view of its multiple-sited structure.

2.7 External competitive funding of the RC

- *The RCs were asked to provide information of such external competitive funding, where:*
 - *the funding decisions have been made during 1.1.2005–31.12.2010, and*
 - *the administrator of the funding is/has been the University of Helsinki*
- *On the e-form the RCs were asked to provide:*
 - 1) *The relevant funding source(s) from a given list (Academy of Finland/Research Council, TEKES/The Finnish Funding Agency for Technology and Innovation, EU, ERC, foundations, other national funding organisations, other international funding organizations), and*
 - 2) *The total sum of funding which the organisation in question had decided to allocate to the RCs members during 1.1.2005–31.12.2010.*

Competitive funding reported in the text is also to be considered when evaluating this point.

ASPECTS: Scientific quality, scientific significance, societal impact, innovativeness and future significance

The GENU RC has managed to attract a substantial amount of external competitive funding, which points out well the networking capacities and visibility and high quality of the research carried out by its members. However, despite their international orientation and indeed the attractiveness of their subjects internationally speaking, their funding still comes mainly from national sources. The proportion of international funding is quite low and could be much higher given the international visibility of the group. It is recommended that they expand their capacity of raising funds at the international level.

2.8 The RC's strategic action plan for 2011–2013

- *RC's description of their future perspectives in relation to research and doctoral training.*

ASPECTS: Scientific quality, scientific significance, societal Impact, processes and good practices related to leadership and management, national and international collaboration, innovativeness, future significance

The future actions in the period considered are straightforward: 1) to strengthen interdisciplinarity and collaboration within the RC, 2) to obtain more funding, 3) to develop currently underdeveloped research fields within GENU. This reflects the novelty of this interdisciplinary community and the early stage in collaboration they are in.

A remark: what they plan for future developments confirms some doubts concerning the actual program of activities for doctoral students as a group, besides individual supervisions.

2.9 Evaluation of the category of the RC in the context of entity of the evaluation material (1-8)

The RC's fitness to the chosen participation category.

Category 4. The research of the participating community represents an innovative opening.

The panel agrees with the participation category proposed by the RC - category 4: Research of the participating community represents an innovative opening - because it faces several challenges:

- a. its interdisciplinarity spanning social and natural sciences is something to be patiently built and is not ready-made. It turns out to be particularly complex in the organization of a coherent and fertile doctoral training program.
- b. It deals with environmental problems characterized by governance challenges, uncertainties in many fronts, and potential of rapid and large-scale socio-ecological impacts, which demand among other things the participation of rural and urban communities.
- c. It explores socio-cognitive risk governance models concerning environmental systems with epistemic uncertainties and normative ambiguities.

Numeric evaluation: 5 (Outstanding)

2.10 Short description of how the RC members contributed the compilation of the stage 2 material

The initial research strategy was discussed among the RC senior members in a workshop.

Then an electronic form was filled by all members of the RC responding to a specific questionnaire sent by the general coordinator and there was a third electronic research strategy workshop among the RC senior members.

2.11 How the UH's focus areas are presented in the RC's research

Comments if applicable

Focus area 10: Globalisation and social change

The UH focus areas are presented in this RC's research in a very concrete way, related to a particular focus area (10) on globalization and social change. In the case of GENU there is a clear reflection of the discussions to recognize new and strategically important research fields by the academic community in order to strengthen, support and further develop their disciplines and the connections between them, which agrees with another main objective of UH's strategy as is fostering interdisciplinary research.

2.12 RC-specific main recommendations

- It is recommended that efforts are made for increasing opportunities of international publications for young researchers.
- It is recommended at this initial stage of the RC to concentrate efforts in fostering the internal collaboration and integration of this very interdisciplinary group.
- In the same vein it is recommended to facilitate closer collaboration within the RC between social scientists and natural scientists.
- Provide information about the number of PhD students per PI they consider to be optimal, as well as consolidated figures about doctors produced in a given period. Information given about number of doctoral students in different stages of progress was not clear.

- Provide more information about the specificity of the program, through the seminar program or other integrative mechanism in place.
- Work towards a more strategic publication policy for the group as a whole in its integrated theme as well in its specific components.
- Revise and make clearer the mechanism by which GENU reserves funding for its members to participate in scientific events and in doctoral training courses and research projects, and how sustainable the support is. This should be seen in connection with the general funding strategy.
- Continue to look into the relationships between teaching and research load in order to strike the right balance.
- In the future continued efforts should be made from UH for overcoming the risk of dispersion and find effective means of agglutination.
- Efforts should be made for giving to the RC a more coordinated management, in view of its multiple-sited structure.
- The proportion of international funding is quite low and could be much higher given international visibility of the group.

2.13 RC-specific conclusions

We see definitely excellent perspectives for future development of this RC, we find that its efforts towards interdisciplinary research are specially relevant from the point of view of UH, therefore it would be worth the UH does invest resources in favouring expansion and consolidation of the RC.

3 Appendices

- A. Original evaluation material
 - a. Registration material – Stage 1
 - b. Answers to evaluation questions – Stage 2
 - c. List of publications
 - d. List of other scientific activities
- B. Bibliometric analyses
 - a. Analysis provided by CWTS/University of Leiden
 - b. Analysis provided by Helsinki University Library (66 RCs)



International evaluation of research and doctoral training
at the University of Helsinki 2005-2010

RC-SPECIFIC MATERIAL FOR THE PEER REVIEW

NAME OF THE RESEARCHER COMMUNITY:

Governance of Environmental Unknowns (GENU)

LEADER OF THE RESEARCHER COMMUNITY:

Professor Janne I. Hukkinen, Department of Social Research

RC-SPECIFIC MATERIAL FOR THE PEER REVIEW:

- Material submitted by the RC at stages 1 and 2 of the evaluation
 - STAGE 1 material: RC's registration form (incl. list of RC participants in an excel table)
 - STAGE 2 material: RC's answers to evaluation questions
- TUHAT compilations of the RC members' publications 1.1.2005-31.12.2010
- TUHAT compilations of the RC members' other scientific activities 1.1.2005-31.12.2010
- Analysis of publications data carried out by both CWTS and UH Library – results of UH Library analysis will be available by the end of June 2011

NB! Since Web of Science(WoS)-based bibliometrics does not provide representative results for most RCs representing humanities, social sciences and computer sciences, the publications of these RCs will be analyzed by the UH Library (results available by the end of June, 2011)



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE
UNIVERSITY OF HELSINKI

RC-SPECIFIC STAGE 1 MATERIAL (registration form)

1 RESPONSIBLE PERSON

Name: Hukkinen, Janne I.

E-mail:

Phone: 0503671375

Affiliation: Department of Social Research

Street address: PO Box 18 (Snellmaninkatu 10)

2 DESCRIPTION OF THE PARTICIPATING RESEARCHER COMMUNITY (RC)

Name of the participating RC (max. 30 characters): Governance of Environmental Unknowns

Acronym for the participating RC (max. 10 characters): GENU

Description of the operational basis in 2005-2010 (eg. research collaboration, joint doctoral training activities) on which the RC was formed (MAX. 2200 characters with spaces): GENU is a new interdisciplinary community of UH researchers spanning social and natural sciences and tackling environmental problems characterized by complex governance, persistent uncertainties, and potential for rapid and large scale socio-ecological impacts. We study globalizing resource regimes that transform local societies and their environmental relations in Southern and Northern contexts (Karttinen (KAA), Pakkasvirta (PAK), Nygren (NYG), Massa (MAS), Hukkinen (HUK), Niemelä (NIE)); hybrid forms of environmental governance relevant for the management of environmental risks in Southern cities and Northern rural regions as well as in global institutions (NYG, HUK, Patomäki (PAT), Teivainen (TEI)); assessment of environmental impacts related to international trade and the governance of industrial ecosystems (Saikku (SAI), HUK); emergence of complex governance and persistent uncertainties as themes in environmental theories and paradigms and as challenges for combining environmental concerns with democratic principles (MAS, PAK, PAT, TEI); and socio-cognitive risk governance models concerning environmental systems with epistemic uncertainties and normative ambiguities (HUK, SAI, NYG). GENU includes researchers from the Faculty of Social Sciences (environmental policy, political science, social and cultural anthropology, development studies) and the Faculty of Biological and Environmental Sciences (environmental policy and change, industrial ecology, urban ecology). GENU members organize research seminars that are open to all RC members, such as the weekly environmental policy research seminar. GENU is affiliated with 6 national graduate schools: environmental social science (Yhtymä), science and technology studies (Titeko), development studies (Devestu), world politics (Politu), Latin American studies (Americas school), and geography. In the future, GENU will consolidate its post-graduate training and research by organizing a joint GENU research seminar annually and exploring possibilities for joint research funding.

3 SCIENTIFIC FIELDS OF THE RC

Main scientific field of the RC's research: social sciences

RC's scientific subfield 1: Environmental Studies



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE
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RC-SPECIFIC STAGE 1 MATERIAL (registration form)

RC's scientific subfield 2: Political Science

RC's scientific subfield 3: Anthropology

RC's scientific subfield 4: Planning and Development

Other, if not in the list: Environmental history, Industrial ecology, Urban ecology

4 RC'S PARTICIPATION CATEGORY

Participation category: 4. Research of the participating community represents an innovative opening

Justification for the selected participation category (MAX. 2200 characters with spaces): GENU tackles the key challenge facing humanity during the first half of the 21st century: How to strengthen democratic, participatory, and conflict preventing governance systems in the face of staggering eco-social challenges, such as climate change, land conversion and biodiversity loss, energy provision, population growth and energy provision. GENU is a new opening, because the RC collaboration in research and researcher training is in the beginning stages. Interdisciplinary collaboration within GENU has thus far taken place mostly within the participating research groups and less among the groups. The reasons for this lie in the formal disciplinary divisions of UH and external funding incentives for extra- rather than intramural collaboration. Yet there are examples of promising emergent collaboration among GENU researchers, such as collaboration on governance of industrial ecosystems between HUK and SAI during the Academy of Finland Sustainable Production and Products research program. GENU is innovative because its recent and future research projects contain promising synergies with the potential to address urgent environmental problems from multiple perspectives. For example, GENU researchers have studied (1) environmental governance, local livelihoods and environmental discourses both in South and Central America (NYG), in Fennoscandian Lapland (MAS, HUK) and in existing global institutions such as the World Bank or planned future institutional arrangements such as global referenda or carbon tax regimes (TEI, PAT); (2) environmental-social resilience, risks and vulnerabilities in Southern (NYG, NIE) and Northern peripheries and cities (MAS, HUK, NIE); and (3) competing land uses and global resource economy in Southern (KAA, NYG, PAK) and Northern (MAS, HUK) contexts. We intend to build upon these synergies in our future collaboration on research and researcher training.

5 DESCRIPTION OF THE RC'S RESEARCH AND DOCTORAL TRAINING

Public description of the RC's research and doctoral training (MAX. 2200 characters with spaces): GENU is an interdisciplinary community of UH researchers spanning social and natural sciences and conducting research on environmental problems characterized by complex governance, persistent uncertainties, and potential for rapid and large scale socio-ecological impacts. GENU's mission is to provide research based and timely advice to improve the quality of environmental governance in socio-ecological contexts where local communities need to deal with the forces of globalization. GENU includes researchers from the Faculty of Social Sciences (environmental policy, political science, cultural anthropology, development studies) and the Faculty of Biological and Environmental Sciences (environmental policy and change, industrial ecology, urban ecology). GENU is affiliated with 6 national graduate schools: environmental social science (Yhtymä), science and technology studies (Titeko), development studies (Devestu), world politics (Politu), Latin American studies (Americas school), and geography. In addition, GENU research groups



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

RC-SPECIFIC STAGE 1 MATERIAL (registration form)

organize thematic doctoral seminars throughout the academic year. In the future, GENU will organize an annual joint research seminar relating to the theme of Governance of Environmental Unknowns.

Significance of the RC's research and doctoral training for the University of Helsinki (MAX. 2200 characters with spaces): The RC supports the UH strategic objectives relating to the environment, society and technology and global well-being. Furthermore, the RC supports the UH goals of increased interdisciplinarity among scientific disciplines. The novelty and innovation in this RC is its interdisciplinary approach to global environmental issues. Although collaboration is to some extent still in its initial phase, examples of successful collaboration among members of the RC exist. The RC is involved in several graduate schools thereby contributing to researcher training in environmental science.

Keywords: Environmental governance, uncertainty, complexity, ambiguity, environmental risk, globalization, political ecology, natural resource management, land use conflict

6 QUALITY OF RC'S RESEARCH AND DOCTORAL TRAINING

Justified estimate of the quality of the RC's research and doctoral training at national and international level during 2005-2010 (MAX. 2200 characters with spaces): Research 2005-10

Selected research projects:

HUK

-EC 6th FP SKEP ERA-NET, Nanomaterials in REACH - evaluation of applicability of existing procedures for chemical safety assessment to nanomaterials (nanoREACH), 2010. 106 000€

-Academy of Finland, Pro-Environmental Product Planning in a Dynamic Operational Environment Now and in Future, 2007-10. 172 000€

NYG

-Decentralization, community forestry and forest certification in Central America, 2004-2009, Academy of Finland and University of Helsinki, 450 000€

KAA

-Law, Custom, People. Resource rights and state formation in Southeast Asia, 2003-2006, Academy of Finland, 133 000€

-Coming events and the ancestral past, 2008-2009, Academy of Finland, 135 070€

PAK

- World Politics, Global Ethics and Corporate Social Responsibility: an Interdisciplinary Perspective (Academy of Finland, 2009-2010, 134 000€)

PAT

-Academy of Finland, Center of Excellence in Global Governance Research (vice director)

-Australian Research Council, Mapping Justice Globalism – Reassessing the Ideological Landscape of the 21st Century, Chief Investigator



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RC-SPECIFIC STAGE 1 MATERIAL (registration form)

NIE

-Greenenhance: Enhancing urban biodiversity: habitat planning and strategic management of urban green areas

-Urban Nature: the Aesthetic, Recreational and Ecological Aspects of Urban Greenspace Biodiversity

Peer-reviewed articles or book chapters:

NYG: 9 international, 3 invited reviews, 4 book chapters, 3 book reviews

HUK: 9 international, 2 Fin, 2 book reviews

KAA: 3 peer review articles, 1 review article (Fin), 7 book chapters (1 Fin)

NIE: 31 international

PAK: 6 international

TEI: 15 international, 4 Fin, 2 book reviews

PAT: 21 international, 14 book reviews

Peer-reviewed monographs or edited volumes: 3 HUK, 1 KAA, 1 NIE, 8 PAK, 2 TEI, 5 PAT

Doctoral training 2005-10

-Supervisor or co-supervisor of graduated doctoral candidates: 4 HUK, 7 MAS, 2 NYG, 8 NIE, 2 PAK, 1 KAA, 5 PAT

-Opponent of doctoral defense: 1 HUK, 4 NYG, 2 MAS, 4 NIE

-Pre-examiner of doctoral defense (incl docent examinations): 6 HUK, 8 MAS, 6 NYG, 5 NIE, 1 KAA

-Supervisor or co-supervisor of ongoing doctoral candidates: 7 HUK, 12 MAS, 4 NYG, 12 TEI, PAT, 7 PAK, 4 NIE, 4 KAA

Comments on how the RC's scientific productivity and doctoral training should be evaluated (MAX. 2200 characters with spaces): -Both article based dissertations and monograph dissertations are encouraged.

-Assessment of the extent to which publications resonate with stated objectives of the RC.

-Assessment of doctoral training on the basis of how well the research groups have been able to keep researchers at different levels of academic seniority: doctoral candidates, post-docs, senior researchers and tenure track professors, tenured professors.

-Assessment of the innovation and interdisciplinarity of the research.

LIST OF RC MEMBERS

NAME OF THE RESEARCHER COMMUNITY:			GOVERNANCE OF ENVIRONMENTAL UNKNOWNNS (GENU)		
RC-LEADER			J. Hukkinen		
CATEGORY			4		
	Last name	First name	PI-status (TUHAT, 29.11.2010)	Title of research and teaching personnel	Affiliation
1	Hukkinen	Janne I.	x	Professor	Faculty of Social Sciences (Dept Social Research), Faculty of Biological and Environmental Sciences, Faculty of Agriculture and Forestry (joint position)
2	Toikka	Arho		Doctoral candidate	Faculty of Social Sciences (Dept Social Research)
3	Levänen	Jarkko		Doctoral candidate	Faculty of Social Sciences (Dept Social Research)
4	Berg	Annukka		Doctoral candidate	Faculty of Social Sciences (Dept Social Research)
5	Tikkanen	Sarianne		Doctoral candidate	Faculty of Social Sciences (Dept Social Research)
6	Antal	Miklós		Doctoral candidate	Faculty of Social Sciences (Dept Social Research)
7	Massa	Ilmo	x	University lecturer	Faculty of Biological and Environmental Sciences (Dept Environmental Sciences)
8	Saikkku	Laura		Postdoctoral researcher	Faculty of Biological and Environmental Sciences (Dept Environmental Sciences)
9	Niemelä	Jari	x	Professor	Faculty of Biological and Environmental Sciences (Dept Environmental Sciences)
10	Yli-Pelkonen	Vesa		Postdoctoral researcher	Faculty of Biological and Environmental Sciences, Dept of Environmental Sciences
11	Vierikko	Kati		Postdoctoral researcher	Faculty of Biological and Environmental Sciences, Dept of Environmental Sciences
12	Nygren	Anja Kaarina	x	University Lecturer	Development Studies
13	Valkila	Joni Mikael		Doctoral candidate	Development Studies
14	Bieri (neé Kukkonen)	(Kaisa) Mari		Doctoral candidate	Environmental Sciences
15	Vihemäki	Heini		Doctoral candidate (compl. 2009)	Development Studies
16	Wayessa	Gutu		Doctoral candidate	Development Studies
17	Hietalahti	Johanna		Doctoral candidate	Development Studies
18	Pakkasvirta	Jussi	x	Prof./univ. Lect/Head of Dptm	Pol & Econ Studies
19	Kröger	Markus		Doctoral Cand (compl. 2010)	Renvall-Inst./World.Pol
20	Patomäki	Heikki	x	Professor	World Politics
21	Teivainen	Teivo	x	Professor	World Politics
22	Kaartinen	Timo	x	Prof./univ. Lect/	Sociology/anthrop.
23	Penttinen	Anni		Doctoral (compl.2009)	Environmental Economics



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE
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RC-SPECIFIC STAGE 2 MATERIAL

BACKGROUND INFORMATION

Name of the RC's responsible person: Hukkinen, Janne I.

E-mail of the RC's responsible person:

Name and acronym of the participating RC: Governance of Environmental Unknowns, GENU

The RC's research represents the following key focus area of UH: 10. Globalisaatio ja yhteiskunnan muutos – Globalisation and social change

Comments for selecting/not selecting the key focus area: GENU tackles a key challenge of globalisation and social change, namely, the governance of multi-level (global to local) environmental problems. Within the next half-a-century, humanity needs to figure out how to strengthen democratic, participatory and conflict preventing governance systems in the face of staggering eco-social challenges, such as climate change, land conversion and biodiversity loss, energy provision, population growth and urbanization. Producing knowledge to help us face this challenge is what GENU is all about.

1 FOCUS AND QUALITY OF RC'S RESEARCH (MAX. 8800 CHARACTERS WITH SPACES)

- **Description of the RC's research focus, the quality of the RC's research (incl. key research questions and results) and the scientific significance of the RC's research for the research field(s).**

- the RC's research focus.

GENU tackles a key challenge facing humanity during the first half of the 21st century: How to strengthen democratic, participatory and conflict preventing governance systems in the face of staggering eco-social challenges, such as climate change, land conversion and biodiversity loss, energy provision, population growth and urbanization. GENU is a new interdisciplinary community of UH researchers spanning social and natural sciences and tackling environmental problems characterized by complex governance, persistent uncertainties, and potential for rapid and large scale socio-ecological impacts. We study globalizing resource regimes that transform local societies and their environmental relations in Southern and Northern contexts (Karttunen, Pakkasvirta, Nygren, Massa, Hukkinen, Niemelä); hybrid forms of environmental governance relevant for the management of environmental risks in Southern cities and Northern rural regions as well as in global institutions (Nygren, Hukkinen, Patomäki, Teivainen); assessment of environmental impacts related to international trade and the governance of industrial ecosystems (Saikku, Hukkinen); emergence of complex governance and persistent uncertainties as themes in environmental theories and paradigms, and as challenges for combining environmental concerns with democratic principles (Massa, Pakkasvirta, Patomäki, Teivainen); and socio-cognitive risk governance models concerning environmental systems with epistemic uncertainties and normative ambiguities (Hukkinen, Saikku, Nygren). GENU includes researchers from the Faculty of Social Sciences (environmental policy, political science, social and cultural anthropology, development studies) and the Faculty of Biological and Environmental Sciences (environmental policy and change, industrial ecology, urban ecology).

GENU is innovative because its research projects contain synergies with the potential to address urgent environmental problems from multiple perspectives. For example, GENU researchers have studied (1) environmental governance, local livelihoods and environmental discourses both in South and Central America (Nygren), in Fennoscandian Lapland (Massa, Hukkinen) and in existing global institutions such as the World Bank or planned future institutional arrangements such as global referenda or carbon tax regimes (Teivainen, Patomäki); (2) environmental-social resilience, risks and vulnerabilities in Southern



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(Nygren, Niemelä) and Northern peripheries and cities (Massa, Hukkinen, Niemelä); and (3) competing land uses and global resource economy in Southern (Kaartinen, Nygren, Pakkasvirta) and Northern (Massa, Hukkinen) contexts. We intend to build upon these synergies in our future collaboration on research and researcher training.

- the quality of the RC's research (incl. key research questions and results).
 - Critical and interdisciplinary research questions concerning the matching of environmental concerns with democratic principles in southern contexts have resulted in conceptual models that strive to prevent violent conflicts.
 - Research questions concerning the role of southern small producers in global networks of production and consumption have renewed the political ecology approach by formulating theoretical principles through which environmental, economic, socio-cultural and political aspects of resource governance can be better linked. They have also improved understanding of the complexity of hybrid forms of environmental governance in developing countries.
 - Research questions concerning resource governance in the north have led to recommendations for participatory institutions to manage conflicts between competing northern land uses. They have also improved methodologies for the integration of knowledge produced by local practitioners, government planners and academic researchers.
 - Research questions concerning the framing of sustainable development and its monitoring have produced conceptual models for improved sustainability governance, structured around indicators that use scenarios as their frame of reference.
 - Research questions concerning the emergence of new environmentally relevant technologies and compounds aim to improve understanding of so-called new generation risks and the mental models underlying such risks. They also provide guidance to the socio-cognitive processes of deliberation that are needed for reliable governance of new generation risks.
 - Research questions concerning the functioning of global consumption and production chains generate new knowledge for the design and governance of global industrial ecosystems and north-south trade networks.
 - Research questions concerning contemporary and emerging issues in urban ecology – both on natural science ecology in urban areas and on the interface between natural sciences and social sciences – have produced many innovative results as exemplified by the research publications listed.
- the scientific significance of the RC's research for the research field(s).

GENU combines different epistemologies and research approaches into a fruitfully collaborating, interdisciplinary research community that encompasses several scientifically significant contributions:

 - Decentralization, certification and environmental governance: The research has offered theoretical and methodological insights into community forestry and certified agricultural and forest production in socially divergent southern communities. It has increased knowledge of environmental governance at different political scales of the changing policies of decentralization, forest certification and fair trade.
 - Development of socio-cognitive approaches to sustainability challenges: Contemporary research on human environmental interactions has by and large bypassed the role of cognition. Yet a credible theory of fit between institutions and ecosystems can only be built on an understanding of how the mental models that underlie institutional rules are conditioned by their material environment.



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- Filling knowledge gaps in environmental impacts of global trade and the governance of industrial ecosystems: There is an urgent need to explicate the hidden environmental impacts of global trade. More generally, research on industrial ecology suffers from gaps of knowledge in the institutional and governance structures that ensure their appropriate operation.
- Urban socio-ecology: Urban research has promoted a holistic socio-ecological approach to the study of urban ecology and environmental issues in cities. For instance, researchers have studied and advanced the use of the ecosystem services approach in urban planning in Finland; and a new research project, "New forms of environmental governance: Managing the risks and vulnerabilities related to climate change in Southern cities", has gotten funding from the Academy of Finland (Nygren). Urban ecology is a young but rapidly expanding field, and researchers in GENU are in the forefront of this field both in Finland and internationally.
- **Ways to strengthen the focus and improve the quality of the RC's research.**
 - Promising examples of recent GENU collaboration: (1) governance of industrial ecosystems, Academy of Finland Sustainable Production and Products research program (Hukkinen and Saikku), (2) Academy of Finland project Decentralization, Forest Certification and Community Forestry (Nygren and Bieri), (3) as Academy Research Fellow Nygren was joint researcher in Faculties of Biological and Environmental Sciences and Social Sciences.
 - Innovative use of different research materials (quantitative and qualitative).
 - More active promotion of joint publications in international peer review journals.
 - Active networking of PhD candidates in international research networks.
 - Active promotion of visits of research group members as visiting scholars or as PhD trainees at highly qualified international universities.
 - Facilitation of closer collaboration between different researchers within the RC. Enhanced collaboration between natural scientists and social scientists produces better understanding of the functioning and relationships between environment and society.

2 PRACTISES AND QUALITY OF DOCTORAL TRAINING (MAX. 8800 CHARACTERS WITH SPACES)

- How is doctoral training organised in the RC? Description of the RC's principles for recruitment and selection of doctoral candidates, supervision of doctoral candidates, collaboration with faculties, departments/institutes, and potential graduate schools/doctoral programmes, good practises and quality assurance in doctoral training, and assuring good career perspectives for the doctoral candidates/fresh doctorates.
 - o How is doctoral training organised in the RC?
 - GENU includes researchers and doctoral students from the Faculty of Social Sciences (environmental policy, political science, cultural anthropology, development studies) and the Faculty of Biological and Environmental Sciences (environmental policy and change, industrial ecology, urban ecology).
 - GENU researchers and doctoral students participate in the activities of Helsinki University Centre for Environment (HENVI), such as research seminars and various types of courses. HENVI aims to strengthen and enhance interdisciplinary environmental research and teaching and to raise public awareness of important environmental issues. All UH faculties participate in HENVI activities.
 - GENU is affiliated with 7 national graduate schools: environmental social science (Yhtymä), science and technology studies (Titeko), development studies (Devestu), world politics (Politu), Latin American studies (Americas school), wildlife biology, conservation and management (Luova) and geography.



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- GENU is affiliated with the Centre of Excellence in Global Governance Research (Patomäki vice director 2005-10, Teivainen board member) which includes several research projects relevant to doctoral training in environmental governance, such as Global Greenhouse Gas Tax Draft Treaty project and Private Property Rights project.
 - In addition, GENU research groups organize thematic research seminars throughout the academic year that are open to all RC members (such as the weekly environmental policy research seminar). Furthermore, each research project organizes regular meetings and workshops with doctoral students.
 - In the future, GENU will organize an annual joint research seminar relating to the theme of Governance of Environmental Unknowns.
- recruitment and selection of doctoral candidates.
- Each faculty, doctoral school, research project and senior researcher affiliated with GENU has systematic procedures for the recruitment and selection of doctoral candidates. The doctoral candidates are selected competitively in an open call. The announcements are circulated through departmental and scientific networks' email lists both in Finland and abroad. Finalists are interviewed.
 - The selection of the candidates is based on the following criteria 1) disciplinary background and experience of transdisciplinary approaches 2) research interests 3) scientific quality of the master thesis and the grading of earlier studies 4) motivation 5) recommendation letters 6) ability to carry out fieldwork under a variety of demanding field settings.
- supervision of doctoral candidates.
- One or two supervisors are nominated for each candidate right from the beginning.
 - The supervisor meets with each doctoral candidate at least once a month for a two hour meeting, in which methodologies are planned, theories discussed and research results evaluated.
 - In the later phases of writing, the supervisor reads the candidates' manuscripts beforehand and gives thorough comments on them.
 - It is common that the candidate and the supervisor produce a joint publication in which case their collaboration is much closer.
- collaboration with faculties, departments/institutes, and potential graduate schools/doctoral programmes.
- Collaboration with Academy of Finland / Ministry of Education national graduate schools: environmental social science (Yhtymä), science and technology studies (Titeko), development studies (Devestu), world politics (Politu), Latin American studies (Americas school), wildlife biology, conservation and management (Luova) and geography.
 - Collaboration with the Centre of Excellence in Global Governance Research.
 - Collaboration with Latin American universities' PhD schools.
 - Intra-UH collaboration: Latin American Studies, Development Studies, World Politics, Economic and Political History, Environmental Studies, Environmental Policy, Environmental Change and Policy, Industrial Ecology, Urban Ecology.
 - Collaboration with Helsinki University Centre for Environment, HENVI: Key members of GENU contribute to activities in HENVI, which carries out and coordinates interdisciplinary environmental research and teaching.



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- good practises and quality assurance in doctoral training.
 - Good practices include close supervision, encouragement and common activities, such as seminars, meetings and workshops within the research teams. GENU members have been able to benefit from HENVI as a useful platform for these activities.
 - Each graduate school affiliated with GENU has also systematized these procedures.
 - Regular meetings are held with candidates where research questions and theoretical and methodological choices are carefully planned.
 - In later stages, good practices include thorough commenting on doctoral candidates' manuscripts as well as writing of joint articles.
- assuring good career perspectives for the doctoral candidates/fresh doctorates.
 - Assuring good career perspectives includes two issues. First, the doctoral candidates must obtain a high-quality education to be successful in their careers; second, they must be provided with guidelines and assistance in selecting the career they want and are suited for.
 - Interdisciplinary understanding as emphasized in GENU improves the possibilities for fresh doctors to build a meaningful career (see below).
 - The actions leading to post doctoral projects are planned for doctoral candidates already during their doctoral projects.
 - Examples of successful post doctoral careers include positions as young scientific adviser on social aspects of nature conservation in the International Center for Research in Agroforestry (ICRAF) in Nairobi, Kenya; FAO scientific adviser on rural development in Mosambique; and technology manager for Eero Paloheimo Consulting.
- RC's strengths and challenges related to the practises and quality of doctoral training, and the actions planned for their development.
 - Strengths: (1) High motivation of PhD candidates and good collaboration between members at different stages of their research career (master students, PhD students, post-docs, and senior researchers), (2) Stimulating north-south research collaboration and networking, (3) Multi-, inter- and transdisciplinarity.
 - Challenges: (1) Shorten the time taken for PhD candidates to complete their PhD dissertation. This is planned to be improved in the future by making the PhD training still more systematic and better coordinated with other research groups working on corresponding topics; also monitoring of each candidate's progress will be improved; (2) A key measure from the supervisory perspective is to limit the number of doctoral students per supervisor to 3-4 individuals; (3) Multi-, inter- and transdisciplinarity are also a challenge, as students need to get a sufficiently deep understanding of their particular field but at the same time gain the understanding, appreciation and methodological skills required in the integration of different fields.



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3 SOCIETAL IMPACT OF RESEARCH AND DOCTORAL TRAINING (MAX. 4400 CHARACTERS WITH SPACES)

- Description of how the RC interacts with and contributes to the society (collaboration with public, private and/or 3rd sector).

GENU researchers aim to make sure that research results are communicated to stakeholders to ensure an impact on management and decision-making through active interactions with the society. Furthermore, research needs are discussed with the stakeholders and some of the needs identified have resulted in research projects. The following examples give a view of the multitude of ways in which GENU researchers interact with the society:
- EU-level advising and consultancy (membership in EC 7th FP Advisory Group on Environment and Climate).
- Several GENU members advise the state sector and NGOs (e.g., Ministry for Foreign Affairs, Ministry of Environment, 2 board memberships of WWF Finland, scientific advisory board of MTT Agrifood Finland, chair of the advisory board of Finnish Environment Institute SYKE, expert counselor for the environment at the Supreme Administrative Court of Finland).
- Active collaboration with municipal actors in Helsinki Metropolitan area (Helsinki, Vantaa, Espoo, Lahti).
- Membership in boards of private foundations funding research.
- Active cooperation with companies ("Politics of Corporate Social Responsibility" network with Aalto University: <http://cr-politics.blogspot.com/> ; with Rautaruukki during Academy of Finland Prodoe-project).
- GENU researchers have given numerous presentations for public audiences both at universities and in NGO meetings and workshops organized between public, private and 3rd sector.
- Members of GENU have given lectures and intensive lecture courses at universities and public-private-3rd sector meetings in Finland, Denmark, Netherlands, Belgium, Honduras, Costa Rica, Mexico, and United States (Nygren, Pakkasvirta, Hukkinen, Teivainen, Patomäki).
- Several members of the research group have been interviewed in radio and television programmes (esp. Valkila, Hukkinen, Niemelä) and one of the doctoral candidates has participated also in the production of several scientific radio programmes (Hietalahti).
- GENU members are active commentators in daily newspapers such as Helsingin Sanomat.
- Ways to strengthen the societal impact of the RC's research and doctoral training.
 - More systematic policy briefs could be written for relevant sectoral institutions, ministries and other environment-development institutions, eg. Ministry of Foreign Affairs, Ministry of Environment.
 - Strengthening active interactions with the stakeholders, such as ministries and municipalities. Collaboration with the relevant government institutions is progressing (e.g. Ministry of the Environment and research institutes), including individual discussions, workshops, seminars and publications target at these audiences.
 - Training doctoral students on how to actively engage in the science-policy interface. A new course entitled Environmental Policy Deliberation, offered by the Department of Social Research (Hukkinen) is designed around case-based training of individual and collective deliberation on current environmental policy issues.



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4 INTERNATIONAL AND NATIONAL (INCL. INTERSECTORAL) RESEARCH COLLABORATION AND RESEARCHER
MOBILITY (MAX. 4400 CHARACTERS WITH SPACES)

- Description of the RC's research collaborations and joint doctoral training activities and how the RC has promoted researcher mobility.
- the RC's research collaborations and joint doctoral training activities.
 - With University of Costa Rica (UCR) and UCA (Nicaragua) (bilateral research agreement HY- UCR, 4 researchers per year); joint doctoral training with UCR (Central American PhD programmes).
 - Research and PhD training collaboration with the University of Missouri-Columbia (Nygren & Rikoon), University of Illinois (Champaign-Urbana) (Nygren & Ribot), University of Florida-Gainesville (Nygren & Schmink & Overdevest), International Center for Forest Research CIFOR), (Nygren & Colfer), Universidad Juárez Autónoma de Tabasco, México (Nygren & Oseguera), Universidad Autónoma de México (Nygren & Durand, Argueta & Paz), University of Joensuu (Nygren & Lacuna-Richman & Lehtinen), Budapest University of Technology and Economics (Hukkinen & Antal), Cornell University (Hukkinen & Wolf), Wayne State University (Hukkinen & Thompson Klein), Delft University of Technology (Hukkinen & van Eeten), University of California Santa Barbara (Hukkinen & Young), Peninsula Medical School, UK (Hukkinen & Depledge), University of East Anglia, UK (Tikkanen), University of Salford, UK (Niemelä & James), Stockholm University (Stockholm Resilience Centre), Sweden (Niemelä & Elmqvist), University of Alberta (Niemelä & Spence), Erasmus University Rotterdam (Yli-Pelkonen & Whiteman), Ritsumei University, Kyoto, Japan (Patomäki), RMIT University, Melbourne, Australia (Patomäki), Nottingham Trent University, UK (Patomäki).
 - Joint research training activities with Finnish Graduate School in Development Studies (DEVESTU), with the Graduate School of Environmental Social Science (YHTYMÄ), and with Geography Graduate School.
 - Establishment of joint Graduate Summer School system between European Society for Ecological Economics and YHTYMÄ Graduate School in 2010.
- how the RC has promoted researcher mobility.
 - Updated information provided for the PhD candidates of PhD training courses both in Finnish universities and abroad. Key information channels are departmental email lists, email lists of the participating graduate schools, and the email list of Finnish Society for Environmental Social Science (YHYS) (
 - All graduate schools affiliated with GENU have reserved funding for their members to participate in scientific conferences and in PhD training courses. In addition, research projects have reserved funding for such activities.
 - Organizing small group meetings for Finnish PhD candidates and researchers with international senior researchers visiting Finland.
 - Organizing International Scientific conferences of Environment and Development Research.
- RC's strengths and challenges related to research collaboration and researcher mobility, and the actions planned for their development.
 - Main strengths include good research networks with several high-qualified international universities as well as with research institutions in the countries under study. The research group has highly stimulating research collaboration networks with several universities both in the global South and in the US and Europe. This provides an opportunity to acquire the latest knowledge and develop joint projects.



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- A key challenge is that carrying out empirical research in developing countries is highly demanding, time-consuming and includes several risks and challenges. To get the funding for intensive fieldwork is a challenge, as well as the coordination of different practical issues related to research collaboration and research mobility (e.g. visas, study permissions, issues related to transportation, accommodation, health and personal security).

5 OPERATIONAL CONDITIONS (MAX. 4400 CHARACTERS WITH SPACES)

- Description of the operational conditions in the RC's research environment (e.g. research infrastructure, balance between research and teaching duties).
- GENU operates on two UH campuses, downtown (Faculty of Social Sciences) and Viikki (Faculty of Biological and Environmental Sciences). GENU members on the downtown campus are physically in three different locations and those on the Viikki campus in two. The Viikki campus has an infrastructure for performing the natural science components of urban ecology and industrial ecology.
- Key members of GENU are uniquely positioned within the UH administration to coordinate the RC activities. Hukkinen holds a joint professorship with the Faculty of Social Sciences (downtown campus), Faculty of Biological and Environmental Sciences (Viikki campus) and Faculty of Agriculture and Forestry (Viikki campus). He is also on the expert group of Helsinki University Centre for Environment (HENVI). Niemelä is the dean of the Faculty of Biological and Environmental Sciences and the chair of the board of HENVI. Pakkasvirta is the head of the Department of Political and Economic Research at the Faculty of Social Sciences. Patomäki is the vice director of the Academy of Finland Centre of Excellence in Global Governance Research.
- GENU professors can devote one out of four academic quarters to research (including PhD tutoring), without teaching duties.
- GENU post doctoral researchers and doctoral students are actively involved in tutoring and teaching.
- RC's strengths and challenges related to operational conditions, and the actions planned for their development.
- Strengths: The research infrastructure related to working spaces, logistic, equipment, administrative support is functional. PhD candidates have their own working spaces at the university. Library services are good.
- Challenges:
 - Insecurity of funding creates feelings of stress and concern among PhD candidates.
 - The principal researchers' teaching duties are quite overwhelming, not leaving much time to concentrate on research, especially writing or intensive periods of fieldwork.
 - GENU members are located in different locations. UH has 4 campuses and distances between campuses are considerable. Thus, joint meetings etc. demand travel time.
 - Some research fields represented by GENU are very small at the University of Helsinki, and thus their future success depends on very few individuals (such as environmental social sciences). Members of GENU are actively working to strengthen such under-resourced fields.



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6 LEADERSHIP AND MANAGEMENT IN THE RESEARCHER COMMUNITY (MAX. 4400 CHARACTERS WITH SPACES)

- Description of the execution and processes of leadership in the RC, how the management-related responsibilities and roles are distributed in the RC and how the leadership- and management-related processes support high quality research, collaboration between principal investigators and other researchers in the RC, the RC's research focus and strengthening of the RC's know-how.
- the execution and processes of leadership in the RC.
 - Leadership in GENU is organized according to the principle of distributed but coordinated management.
 - The responsible person of GENU (Hukkinen) will in the future organize annual research strategy sessions with the senior members (Massa, Niemelä, Saikku, Yli-Pelkonen, Vierikko, Nygren, Pakkasvirta, Patomäki, Teivainen, Kaartinen). Coordinated leadership is facilitated by the key organizational positions of Hukkinen, Niemelä, Pakkasvirta and Patomäki, as described in 5.
- how the management-related responsibilities and roles are distributed in the RC.
 - Each subgroup has one principal investigator, with clear understanding of the subgroup's research aims, research topics, and research questions. He/she acts as the main supervisor for the PhD candidates within the group. He/she has the financial and scientific responsibility of the group's activities.
 - Joint activities and research collaboration between the subgroups is actively encouraged.
- how the leadership- and management-related processes support
 - high quality research: Active research and publication supervision.
 - collaboration between principal investigators and other researchers in the RC: Monthly project meetings; doctoral seminars; graduate school seminars.
 - the RC's research focus: Feedback from key GENU members to GENU research groups.
 - strengthening of the RC's know-how: Active integration of data fed into the UH's Tuhat research database.
- RC's strengths and challenges related to leadership and management, and the actions planned for developing the processes.
 - In the future, more active collaboration between subgroups will be actively encouraged.
 - Joint PhD training programmes will be organized (such as the European Society for Ecological Economics Summer School sessions) and publication of joint articles will be emphasized.

7 EXTERNAL COMPETITIVE FUNDING OF THE RC

- Listing of the RCs external competitive funding, where:
 - the funding decisions have been made during 1.1.2005-31.12.2010, and
 - the administrator of the funding is/has been the University of Helsinki
- Academy of Finland (AF) - total amount of funding (in euros) AF has decided to allocate to the RC members during 1.1.2005-31.12.2010: 5831000
- Finnish Funding Agency for Technology and Innovation (TEKES) - total amount of funding (in euros) TEKES has decided to allocate to the RC members during 1.1.2005-31.12.2010: 75000



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- European Union (EU) - total amount of funding (in euros) EU has decided to allocate to the RC members during 1.1.2005-31.12.2010: 227000
- European Research Council (ERC) - total amount of funding (in euros) ERC has decided to allocate to the RC members during 1.1.2005-31.12.2010:
- International and national foundations – names of international and national foundations which have decided to allocate funding to the RC members during 1.1.2005-31.12.2010, and the amount of their funding (in euros).
 - names of the foundations: Maj and Tor Nessling Foundation
 - Finnish Cultural Fund (Kulttuurirahasto)
 - Finnish Konkordia Foundation (Suomalainen Konkordialiitto)
 - Ella and Georg Ehrnrooth Foundation
 - Emil Aaltonen Foundation
 - Metsämiesten Säätiö
 - FILI
 - Kone Foundation
 - Tiedonjulkistamisen neuvottelukunta
 - Suomen tietokirjailijat
 - University of Helsinki Foundation
 - total amount of funding (in euros) from the above-mentioned foundations: 499000
- Other international funding - names of other international funding organizations which have decided to allocate funding to the RC members during 1.1.2005-31.12.2010, and the amount of their funding (in euros).
 - names of the funding organizations: Nordic Council of Ministers
 - total amount of funding (in euros) from the above-mentioned funding organizations: 156000
- Other national funding (incl. EVO funding and Ministry of Education and Culture funded doctoral programme positions) - names of other national funding organizations which have decided to allocate funding to the RC members during 1.1.2005-31.12.2010, and the amount of their funding (in euros).
 - names of the funding organizations: Ministry of Education Graduate Schools
 - Ministry of Foreign Affairs
 - Ministry of Environment
 - total amount of funding (in euros) from the above-mentioned funding organizations: 401000

8 RC'S STRATEGIC ACTION PLAN FOR 2011–2013 (MAX. 4400 CHARACTERS WITH SPACES)

- Description of the RC's future perspectives in respect to research and doctoral training.

The main challenge is to (1) strengthen interdisciplinarity and collaboration among researchers within GENU, (2) to secure future research funding, and (3) to secure the development of currently under-resourced fields of research within GENU. The following are examples of concrete actions:

 - Annual joint GENU graduate seminar on themes shared by GENU researchers.
 - Coordinated electronic announcements among GENU members of all seminars organized by GENU research projects, departments, graduate schools and other networks.



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- Innovative development of existing seminar activities (such as intensive reading seminars among research group members consisting of masters students, doctoral candidates, post docs and senior researchers – the aim is to gather synergistic benefits where researchers from different backgrounds and at different stages in their career can stimulate each other's thinking).
- Active collaboration in graduate seminar organization with the European Society for Ecological Economics Summer Schools (Hukkinen as board member of ESEE and chair of its education committee is responsible for the Summer Schools).
- Active collaboration with the Finnish Society for Environmental Social Science (YHYS), which organizes an annual international research conference and several annual seminars and workshops in fields related to environmental social science (Hukkinen is the chair of the executive board of YHYS).
- Active collaboration with the Finnish Society for Development Research, which organizes an annual research conference and facilitates post-graduate studies (Nygren is past chair and Valkila past secretary of the society).
- Intensification of GENU contributions to HENVI seminars and lectures (primarily Niemelä and Hukkinen).
- Active work within the University and with external partners to strengthen under-resourced fields within GENU (such as environmental social sciences).

9 SHORT DESCRIPTION OF HOW THE RC MEMBERS HAVE CONTRIBUTED TO THE COMPILATION OF THE STAGE 2 MATERIALS (MAX. 1100 CHARACTERS WITH SPACES).

- Initial research strategy workshop among GENU senior members in December 2010.
- Electronic contributions from each GENU member to questionnaire by Hukkinen in January-February 2011.
- Final electronic research strategy workshop among GENU senior members in February 2011.



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RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

GENU/Hukkinen

1 Analysis of publications

- Associated person is one of Janne Ilmari Hukkinen , Arho Toikka , Jarkko Levänen ,
Annukka Berg , Sarianne Tikkanen , Ilmo Massa , Laura Saikku ,
Jari Niemelä , Vesa Yli-Pelkonen , Kati Vienikko , Anja
Nygren , Joni Valkila , Kaisa Mari Johanna Bieri ,
Gutu Olana Wayessa , Johanna Hietalahti ,
Markus Kröger , Heikki Patomäki ,
Timo Kaartinen , Teivo Teivainen ,

Publication type	Publication year						Total Count 2005 - 2010
	2005	2006	2007	2008	2009	2010	
A1 Refereed journal article	10	17	13	17	17	18	92
A2 Review in scientific journal			1	2			3
A3 Contribution to book/other compilations (refereed)	13	17	21	11	14	7	83
A4 Article in conference publication (refereed)		1		1	1	2	5
B1 Unrefereed journal article	3	7	3	13	6	2	34
B2 Contribution to book/other compilations (non-refereed)	1	1	2	2	5	5	16
B3 Unrefereed article in conference proceedings			1	1		1	3
C1 Published scientific monograph	2		4	5	2	2	15
C2 Edited book, compilation, conference proceeding or special issue of journal	3	1	3	2	3	1	13
D1 Article in professional journal				2	2	1	5
D3 Article in professional conference proceedings					1		1
D4 Published development or research report					1	3	4
D5 Text book or professional handbook or guidebook or dictionary			1				1
E1 Popular article, newspaper article	15	25	17	17	12	9	95
E1 Popular contribution to book/other compilations	2	2	1	1			6
E2 Popular monograph		1	1	2			4



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2 Listing of publications

A1 Refereed journal article

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A3 Contribution to book/other compilations (refereed)

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Berg, A 2009, 'Ekoilu rikkaiden luksusta?', **Luonnonsuojelija : Suomen luonnonsuojeluliiton jäsenlehti**, vol 35, no. 5, pp. 16-17.

Berg, A 2009, 'Nautintoaineiden synnit ja ilot', **Luonnonsuojelija : Suomen luonnonsuojeluliiton jäsenlehti**, vol 35, no. 1, pp. 14.

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Kröger, M 2009, 'Geenimuuntelun laillistaminen voi johtaa teknologien ylivaltaan', **Helsingin Sanomat**, vol 2009, no. 7. toukokuuta.

Niemelä, J, Tyrväinen, L 2009, 'Kaupunkisuunnittelussa tarvitaan tietoa luonnosta ja ihmisistä', **Helsingin Sanomat**, pp. A2.

Nygren, A 2009, 'Metsätyöt pitävät kylän hengissä: Hondurasissa metsien sertifiointi on vähentänyt laittomia hakkuita', **Helsingin Sanomat**.

Pakkasvirta, J 2009, 'Yhteiskuntavastuun politisointi voi ehkäistä konflikteja', **Helsingin Sanomat**, no. 30.5.2009.

2010

Berg, A 2010, 'Puutarhaidylleistä, ubiikkiutopioista, sähköisistä palautteista...: Mistä on kestävät kaupungit tehty?', **Näköalat**, no. 1.

Berg, A 2010, 'Katseet enemmistöön päin!: Maailman hiljaista enemmistöä on älytty palvella vasta viime vuosina. Pennosten puroista voi syntyä suurikin virta.', **Näköalat**, no. 3/2010, pp. 16-18.

Hukkinen, JI 2010, 'Tutkijoiden sananvapaudelle pitäisi luoda pelisäännöt', **Helsingin Sanomat**, vol 2010, pp. C5.

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Kröger, M 2010, 'Maatalous voisi palvella globaalia työllisyyttä: Vieraskynä', **Helsingin Sanomat**.

Manner, M, Teivainen, T 2010, 'Ennakkoluulojen ansa', **Helsingin Sanomat**, pp. C1.

Manner, M, Teivainen, T 2010, 'Reggae-vieras heittää homoherjaa', **Helsingin Sanomat**, pp. C1.

Pakkasvirta, J 2010, 'Yliopiston poliittishistoriallinen tehtävä?', **Poleemi**, vol 35, no. 3, pp. 8-9.

Teivainen, T 2010, 'US: The Last of Hegemonic Powers', **Financial Times**, pp. 10.

E1 Popular contribution to book/other compilations

2005

Pakkasvirta, J 2005, 'Kuvittelen kansakunta', in J Pakkasvirta, P Saukkonen (eds), **Nationalismit, WSOY, Helsinki**, pp. 70-89.

Tikkanen, S 2005, 'Ekologinen verouudistus - ympäristön, työllisyyden ja hyvinvointivaltion yhteinen tulevaisuus?', **Talous ja demokratia. ratkaisuja Suomesta ja muualta maailmasta**, Pystykorvakirja, Like, Helsinki, pp. 330-342.

2006

Massa, I, Ahonen, S 2006, 'Esipuhe', in I Massa, S Ahonen (eds), **Arkielämän ympäristöpolitiikka, Gaudeamus, Helsinki**, pp. 5.

Pakkasvirta, J 2006, '[Puheenvuoro]', **Teach-in. kulttuurien välinen kunnioitus, pyhä ja ilmaisuuden vapaus**, Helsinki Collegium for Advanced Studies, Helsinki.

2007

Patomäki, H 2007, 'Uusliberalismi Suomessa', in A Tiitta, J Nummi, R Stewen, E Tarasti, R Kuosmanen, A Mäkinen (eds), **Maamme Suomi, Weilin + Göös, Helsinki**, pp. 116-119.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

GENU/Hukkinen

2008

Berg, A **2008**, 'Globaali keskiluokka ja kulutustottumukset', in E Korhonen, L Lipsanen (eds), **Köyhyyden jalanjälki**, Väestötietosarja, no. 17, Väestöliitto, Helsinki, pp. 48-55.

E2 Popular monograph

2006

Kasanen, P, Ahlqvist, K, Aho, H, Heljo, J, Komulainen, V, Kurnitski, J, Lahti, P, Massa, I, Perrels, A, Reijonen, H, Rytönen, A, Santala, E, Vilpas, R, Vinha, J **2006**, *Ekotehokkaiden innovaatioiden ja käytäntöjen alustava kartoitus*, Työtehoseuran raportteja ja oppaita, no. 30, Työtehoseura, Nurmijärvi.

2007

Pakkasvirta, J, Quesada, F **2007**, *Situation of Social Sciences Research in Central America: an overview*, Swedish International Development Cooperation Agency, Stockholm.

2008

Niemelä, J, Yli-Pelkonen, V **2008**, *Asiantuntijalausunto Uudenmaan maakuntakaavan ja 1. vaihemaakuntakaavaluonnoksen vaikutuksista maakunnan ekologiseen verkostoon ja sen toimivuuteen*, Uudenmaan liiton julkaisu, no. E 98, Uudenmaan liitto, Helsinki.

Stenius, M, Niemelä, J **2008**, *Turun yliopiston laadunvarmistusjärjestelmän auditointi*, Korkeakoulujen arviointineuvoston julkaisu, no. 11:2008, Korkeakoulujen arviointineuvosto, [Helsinki].



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

GENU/Hukkinen

1 Analysis of activities 2005-2010

- Associated person is one of Janne Ilmari Hukkinen , Arho Toikka , Jarkko Levänen ,
Annukka Berg , Sarianne Tikkanen , Ilmo Massa , Laura Saikku ,
Jari Niemelä , Vesa Yli-Pelkonen , Kati Vienikko , Anja
Nygren , Joni Valkila , Kaisa Mari Johanna Bieri ,
Gutu Olana Wayessa , Johanna Hietalahti ,
Markus Kröger , Heikki Patomäki ,
Timo Kaartinen , Teivo Teivainen ,

Activity type	Count
Supervisor or co-supervisor of doctoral thesis	41
Prizes and awards	6
Editor of research journal	118
Peer review of manuscripts	102
Editor of series	3
Assessment of candidates for academic posts	6
Membership or other role in review committee	10
Membership or other role in research network	6
Membership or other role in national/international committee, council, board	113
Membership or other role in public Finnish or international organization	31
Membership or other role of body in private company/organisation	11
Participation in interview for written media	158
Participation in radio programme	23
Participation in TV programme	10



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RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

GENU/Hukkinen

2 Listing of activities 2005-2010

Supervisor or co-supervisor of doctoral thesis

Janne Ilmari Hukkinen ,

Doctoral dissertation co-supervisor, Janne Ilmari Hukkinen, 01.09.1999 → 05.02.2010, Finland
Doctoral dissertation co-supervisor, Janne Ilmari Hukkinen, 01.09.2000 → ..., Finland
Doctoral dissertation co-supervisor, Janne Ilmari Hukkinen, 01.09.2001 → ..., Finland
Doctoral dissertation co-supervisor, Janne Ilmari Hukkinen, 01.08.2008 → 18.03.2011, Finland
Doctoral dissertation co-supervisor, Janne Ilmari Hukkinen, 01.08.2008 → ..., Finland
Doctoral dissertation co-supervisor, Janne Ilmari Hukkinen, 01.08.2008 → ..., Finland
Doctoral dissertation supervisor, Janne Ilmari Hukkinen, 01.08.2008 → ..., Finland
Doctoral dissertation supervisor, Janne Ilmari Hukkinen, 01.08.2008 → ..., Finland
Doctoral dissertation supervisor, Janne Ilmari Hukkinen, 01.08.2008 → ..., Finland
Doctoral dissertation supervisor, Janne Ilmari Hukkinen, 01.08.2008 → ..., Finland
Supervision of doctoral thesis, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland
Supervision of doctoral thesis, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland
Supervision of doctoral thesis, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland
Supervision of doctoral thesis, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland
Supervision of doctoral thesis, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland
Supervision of doctoral thesis, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland
Supervision of doctoral thesis, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland
Supervision of doctoral thesis, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland
Supervision of doctoral thesis, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland

Ilmo Massa ,

Supervisor of doctoral thesis, Ilmo Massa, 24.11.2005
Supervisor of doctoral thesis, Ilmo Massa, 02.08.2005
Supervisor of doctoral thesis, Ilmo Massa, 15.01.2007
Supervisor of doctoral thesis, Ilmo Massa, 02.11.2007
Supervisor of doctoral thesis, Ilmo Massa, 21.11.2008
Supervisor of doctoral thesis, Ilmo Massa, 14.11.2008

Anja Nygren ,

Supervision of a doctoral dissertation, Anja Nygren, 2004 → 2008, Finland
Supervision of a doctoral dissertation, Anja Nygren, 2004 → ..., Finland
Supervision of a doctoral dissertation, Anja Nygren, 2005 → 2009, Finland
Supervision of a doctoral dissertation, Anja Nygren, 10.2005 → ..., Finland
Supervision of a doctoral dissertation, Anja Nygren, 2007 → ..., Finland
Supervision of a doctoral dissertation, Anja Nygren, 2007 → ..., Finland

Jussi Pakkasvirta ,

Supervision of doctoral thesis, Jussi Pakkasvirta, 01.01.2005 → 31.12.2005, Finland
Supervision of doctoral thesis, Jussi Pakkasvirta, 01.01.2006 → 31.12.2006, Finland



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RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

GENU/Hukkinen

Supervision of doctoral thesis, Jussi Pakkasvirta, 01.01.2008 → 31.12.2008, Finland

Teivo Teivainen ,

Supervision of doctoral thesis, Teivo Teivainen, 01.01.2006 → 31.12.2006, Sweden

Supervision of doctoral thesis, Teivo Teivainen, 01.01.2006 → 31.12.2006, Sweden

Supervision of doctoral thesis, Teivo Teivainen, 01.01.2008 → 31.12.2008, Finland

Timo Kaartinen ,

Dissertation supervision, Timo Kaartinen, 2003 → 2009, Finland

Dissertation supervision, Timo Kaartinen, 2009 → 2011, Finland

Dissertation mentoring, Timo Kaartinen, 2010 → ..., Finland

Prizes and awards

Ilmo Massa ,

Professor (honorary title), Ilmo Massa, 07.06.2010

Anja Nygren ,

Award for excellent Master thesis supervision, Anja Nygren, 2006, Finland

Nomination for the candidate of Eino Kaila award for excellent teaching skills, Anja Nygren, 2009, Finland

Nomination for the candidate of Eino Kaila Award for excellent teaching skills, Anja Nygren, 2010, Finland

Teivo Teivainen ,

Academy of Finland Recognition Award, Teivo Teivainen, 24.11.2006, Finland

Pro Feminism Award, Teivo Teivainen, 15.12.2008, Finland

Editor of research journal

Janne Ilmari Hukkinen ,

International Journal of Learning and Change, Janne Ilmari Hukkinen, 01.01.2003 → 31.12.2010

Journal of Integrative Environmental Sciences, Janne Ilmari Hukkinen, 01.01.2003 → 31.12.2010

Biodiversity and Conservation (Springer), Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Germany

Biodiversity and Conservation (Springer), Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Germany

Environmental Sciences Journal of Integrative Environmental Research (Taylor & Francis, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, United Kingdom

Environmental Sciences Journal of Integrative Environmental Research (Taylor & Francis), Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, United Kingdom

Human Organization (Society for Applied Anthropology), Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, United States

Human Organization (Society for Applied Anthropology), Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, United States

International Journal of Learning and Change (Inderscience), Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, United Kingdom

International Journal of Learning and Change (Inderscience), Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, United Kingdom

Routledge, London, textbook proposal in ecological economics, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, United Kingdom

Routledge, London, textbook proposal in ecological economics, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, United Kingdom

Ilmo Massa ,

Ympäristö yhteiskuntateorioissa, Ilmo Massa, 01.01.2008 → 31.12.2008, Finland

Jari Niemelä ,

Member of the editorial board of Baltic Journal of Coleopterology, Jari Niemelä, 01.01.2001 → 31.12.2005, Latvia

Agricultural and Forest Entomology, Jari Niemelä, 01.01.2005 → 31.12.2005, United Kingdom

Australian Journal of Ecology, Jari Niemelä, 01.01.2005 → 31.12.2005, Australia



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RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

GENU/Hukkinen

Biodiversity and Conservation, Jari Niemelä, 01.01.2005 → 31.12.2005, Netherlands
Biodiversity and Conservation tiedelehden toimituskunnan jäsen, Jari Niemelä, 01.01.2005 → 31.12.2010
Forest Ecology and Management, Jari Niemelä, 01.01.2005 → 31.12.2005, Netherlands
Agricultural and Forest Entomology, Jari Niemelä, 10.07.2006 → 31.12.2006, United Kingdom
Biodiversity and Conservation, Jari Niemelä, 01.01.2006 → 31.12.2006, Netherlands
Biological Conservation, Jari Niemelä, 02.01.2006 → 01.09.2006, United Kingdom
Entomologica Fennica, Jari Niemelä, 04.01.2006 → 31.12.2006, United Kingdom
Forest Ecology and Management, Jari Niemelä, 01.01.2006 → 31.12.2006, Netherlands
Journal of Applied Ecology, Jari Niemelä, 26.07.2006 → 31.12.2006, United Kingdom
Biological Conservation, Jari Niemelä, 01.02.2007 → 28.03.2007, United Kingdom
Forest Ecology and Management, Jari Niemelä, 01.01.2007 → 31.12.2007, Netherlands
Biodiversity and Conservation, Jari Niemelä, 01.01.2008 → 31.12.2008, Netherlands
Biological Conservation, Jari Niemelä, 13.04.2008 → 31.12.2008, United Kingdom
Forest Ecology and Management, Jari Niemelä, 01.01.2008 → 31.12.2008, Netherlands
Insect Conservation and Diversity, Jari Niemelä, 07.06.2008 → 03.10.2008, United Kingdom

Anja Nygren ,

Environmental Values, Anja Nygren, 06.2005, United Kingdom
Environmental Values, Anja Nygren, 01.01.2005 → 31.12.2005, United Kingdom
Journal of Ecological Anthropology, Anja Nygren, 01.01.2005 → 31.12.2005, United States
Journal of Environment and Development, Anja Nygren, 01.01.2005 → 31.12.2005, United States
Journal of Environmental Management, Anja Nygren, 01.01.2005 → 31.12.2005, United States
Political Geography, Anja Nygren, 01.01.2005 → 31.12.2005, United Kingdom
Society and Natural Resources, Anja Nygren, 01.01.2005 → 31.12.2005, United States
Sustainability: Science, Practice and Policy, Journal of Ecological Anthropology, Anja Nygren, 01.01.2005 → 31.12.2005, United States
World Development, Anja Nygren, 01.01.2005 → 31.12.2005, United States
Current Anthropology, Anja Nygren, 01.01.2006 → 31.12.2006, United States
Development and Change, Anja Nygren, 01.01.2006 → 31.12.2006, Netherlands
El Norte, Anja Nygren, 01.01.2006 → 31.12.2006, Finland
Forest Policy and Economics, Anja Nygren, 01.01.2006 → 31.12.2006, United States
Geoforum, Anja Nygren, 02.2006, United Kingdom
Geoforum, Anja Nygren, 01.01.2006 → 31.12.2006, United Kingdom
Journal of Environment and Development, Anja Nygren, 01.01.2006 → 31.12.2006, United States
Society and Natural Resources, Anja Nygren, 01.2006, United States
Society and Natural Resources, Anja Nygren, 09.2006, United States
Society and Natural Resources, Anja Nygren, 01.01.2006 → 31.12.2006, United States
Sustainability: Science, Practice & Policy, Anja Nygren, 01.01.2006 → 31.12.2006, United States
World Development, Anja Nygren, 01.2006, United States
World Development, Anja Nygren, 01.01.2006 → 31.12.2006, United States

Jussi Pakkasvirta ,

El Caribe Centroamericano, Jussi Pakkasvirta, 01.01.2005 → 31.12.2005
Nationalism, Jussi Pakkasvirta, 01.01.2005 → 31.12.2005



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UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

GENU/Hukkinen

Yearbook of Political Thought and Conceptual History, Jussi Pakkasvirta, 01.01.2005 → 31.12.2005
El NORTE - Finnish Journal of Latin American Studies, Jussi Pakkasvirta, 01.01.2006 → 31.12.2006, Finland
Yearbook of Political Thought and Conceptual History, Jussi Pakkasvirta, 01.01.2006 → 31.12.2006
El NORTE - Finnish Journal of Latin American Studies, Jussi Pakkasvirta, 01.01.2007 → 31.12.2007
El NORTE - Finnish Journal of Latin American Studies, Jussi Pakkasvirta, 01.01.2007 → 31.12.2007
Yearbook of Political Thought and Conceptual History, Jussi Pakkasvirta, 01.01.2007 → 31.12.2007
El Norte - Nordic Journal of Latin American Studies, Jussi Pakkasvirta, 01.01.2008 → 31.12.2008, Finland
Historiallinen Aikakauskirja, Jussi Pakkasvirta, 01.01.2008 → 31.12.2008, Finland
El Norte - The Finnish Journal of Latin American Studies, Jussi Pakkasvirta, 01.01.2010 → 31.12.2010

Markus Kröger ,

El Norte – Finnish Journal of Latin American Studies, Markus Kröger, 01.01.2006 → ..., Finland

Heikki Patomäki ,

Cooperation and Conflict, Heikki Patomäki, 01.01.2005 → 31.12.2005
Globalizations, Heikki Patomäki, 01.01.2005 → 31.12.2005
International Relations, Heikki Patomäki, 01.01.2005 → 31.12.2005
Journal of Critical Realism, Heikki Patomäki, 01.01.2005 → 31.12.2005
Journal of International Relations and Development, Heikki Patomäki, 01.01.2005 → 31.12.2005
Kosmopolis, Heikki Patomäki, 01.01.2005 → 31.12.2005, Finland
Cambridge Journal of Economics, Heikki Patomäki, 01.01.2006 → 31.12.2006
Cooperation and Conflict, Heikki Patomäki, 01.01.2006 → 31.12.2006
Ennen & Nyt, Heikki Patomäki, 01.01.2006 → 31.12.2006
Geopolitics, Heikki Patomäki, 01.01.2006 → 31.12.2006
Globalization, Heikki Patomäki, 01.01.2006 → 31.12.2006
Globalizations, Heikki Patomäki, 01.01.2006 → 31.12.2006
International Political Science Review, Heikki Patomäki, 01.01.2006 → 31.12.2006
International Relations, Heikki Patomäki, 01.01.2006 → 31.12.2006
Journal of Critical Realism, Heikki Patomäki, 01.01.2006 → 31.12.2006
Journal of Critical Realism, Heikki Patomäki, 01.01.2006 → 31.12.2006
Journal of International Relations and Development, Heikki Patomäki, 01.01.2006 → 31.12.2006
Kosmopolis, former Rauhan tutkimus, Heikki Patomäki, 01.01.2006 → 31.12.2006, Finland
Theory, Culture & Society, Heikki Patomäki, 01.01.2006 → 31.12.2006
Board of Globalizations, Heikki Patomäki, 01.01.2007 → 31.12.2007
Cooperation & Conflict, Heikki Patomäki, 01.01.2007 → 31.12.2007
Cooperation and Conflict, Heikki Patomäki, 01.01.2007 → 31.12.2007
Globalizations, Heikki Patomäki, 01.01.2007 → 31.12.2007
International Political Science Review, Heikki Patomäki, 01.01.2007 → 31.12.2007
International Relations, Heikki Patomäki, 01.01.2007 → 31.12.2007
Journal of Critical Realism, Heikki Patomäki, 01.01.2007 → 31.12.2007
Journal of Critical Realism, Heikki Patomäki, 01.01.2007 → 31.12.2007
Journal of International Relations & Development, Heikki Patomäki, 01.01.2007 → 31.12.2007
Journal of International Relations and Development, Heikki Patomäki, 01.01.2007 → 31.12.2007



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RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

GENU/Hukkinen

Kosmopolis, former Rauhan tutkimus, Heikki Patomäki, 01.01.2007 → 31.12.2007, Finland
Millennium: Journal of International Studies, Heikki Patomäki, 01.01.2007 → 31.12.2007
Review of International Political Economy, Heikki Patomäki, 01.01.2007 → 31.12.2007
Review of International Studies, Heikki Patomäki, 01.01.2007 → 31.12.2007
Security Dialogue, Heikki Patomäki, 01.01.2007 → 31.12.2007
Theory, Culture & Society, Heikki Patomäki, 01.01.2007 → 31.12.2007
Cooperation & Conflict, Heikki Patomäki, 01.01.2010 → ..., United States
Globalizations, Heikki Patomäki, 01.01.2010 → ..., United Kingdom
International Relations, Heikki Patomäki, 01.01.2010 → ..., United States
Journal of Critical Realism, Heikki Patomäki, 01.01.2010 → ..., United Kingdom
Journal of International Relations & Development, Heikki Patomäki, 01.01.2010 → ..., United States
Kosmopolis, Heikki Patomäki, 01.01.2010 → ..., Finland

Teivo Teivainen ,

Colección Transformación Global, Teivo Teivainen, 01.08.2006 → 31.12.2006, Peru
El Norte, Teivo Teivainen, 01.01.2006 → 31.01.2006, Finland
Globalizations, Teivo Teivainen, 01.01.2006 → 31.12.2006, United Kingdom
Pensares y Quehaceres, Teivo Teivainen, 01.01.2006 → 31.12.2006, Mexico
Political Research Quarterly, Teivo Teivainen, 01.11.2006 → 30.11.2006, United States
Globalizations, Teivo Teivainen, 01.01.2008 → 31.12.2008
Pensares y Quehaceres, Teivo Teivainen, 01.01.2008 → 31.12.2008

Timo Kaartinen ,

Suomen Antropologi, Timo Kaartinen, 01.01.2006 → 31.12.2006, Finland
Studia Fennica Anthropologica, Timo Kaartinen, 01.01.2007 → 31.12.2007, Finland
Suomen Antropologi (Journal of the Finnish Anthropological Society), Timo Kaartinen, 01.01.2007 → 31.12.2007, Finland
Studia Fennica Anthropologica, Timo Kaartinen, 01.01.2008 → 31.12.2008, Finland
Suomen Antropologi (Journal of the Finnish Anthropological Society), Timo Kaartinen, 01.01.2008 → 31.12.2008, Finland

Peer review of manuscripts

Janne Ilmari Hukkinen ,

Ecological Economics, Janne Ilmari Hukkinen, 01.01.2010 → 30.01.2010
Ecological Economics, Janne Ilmari Hukkinen, 01.04.2010 → 30.04.2010
Ecological Economics, Janne Ilmari Hukkinen, 01.07.2010 → 30.07.2010
Ecological Economics, Janne Ilmari Hukkinen, 01.08.2010 → 30.08.2010
Ecological Economics, Janne Ilmari Hukkinen, 01.10.2010 → 30.10.2010
Ecological Economics, Janne Ilmari Hukkinen, 01.12.2010 → 30.12.2010
Energy Policy, Janne Ilmari Hukkinen, 01.10.2010 → 30.10.2010
Environmental Policy and Governance, Janne Ilmari Hukkinen, 01.11.2010 → 30.11.2010
Global Environmental Change, Janne Ilmari Hukkinen, 01.05.2010 → 30.05.2010
Global Environmental Change, Janne Ilmari Hukkinen, 01.11.2010 → 30.11.2010
Journal of Cleaner Production, Janne Ilmari Hukkinen, 01.07.2010 → 30.07.2010
Journal of Cleaner Production, Janne Ilmari Hukkinen, 01.10.2010 → 30.10.2010
Journal of Planning Education and Research, Janne Ilmari Hukkinen, 01.04.2010 → 30.04.2010



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

GENU/Hukkinen

Annukka Berg ,

Environmental Values, Annukka Berg, 01.01.2008 → 31.12.2008, United Kingdom

Jari Niemelä ,

Agricultural and Forest Entomology julkaisusarjan arvioija (1 arviointi), Jari Niemelä, 01.01.2005 → 31.12.2005

Australian Journal of Ecology -julkaisusarjan vertaisarvioitsija (1 arviointi), Jari Niemelä, 01.01.2005 → 31.12.2005

Biodiversity and Conservation -julkaisusarjan vertaisarvioija (3 arviointia), Jari Niemelä, 01.01.2005 → 31.12.2005

Forest Ecology and Management -julkaisusarjan vertaisarvioija (2 arviointia), Jari Niemelä, 01.01.2005 → 31.12.2005

Agricultural and Forest Entomology julkaisusarjan arvioitsija (1 arviointi), Jari Niemelä, 01.01.2006 → 31.12.2006

Biological Conservation julkaisusarjan arvioitsija (2 arviointia), Jari Niemelä, 01.01.2006 → 31.12.2006

Entomologica Fennica julkaisusarjan arvioitsija (1 arviointi), Jari Niemelä, 01.01.2006 → 31.12.2006

Journal of Applied Ecology julkaisusarjan arvioitsija (1 arviointi), Jari Niemelä, 01.01.2006 → 31.12.2006

Journal of Insect Conservation julkaisusarjan arvioitsija (1 arviointi), Jari Niemelä, 01.01.2006 → 31.12.2006

Referee: Journal of Insect Conservation, Jari Niemelä, 03.01.2006 → 31.12.2006, United Kingdom

Biological Conservation julkaisusarjan arvioitsija (2 arviointia), Jari Niemelä, 01.01.2007 → 31.12.2007

Landscape and Urban Planning julkaisusarjan arvioitsija (1 arviointi), Jari Niemelä, 01.01.2007 → 31.12.2007

Referee: Journal of Insect Conservation (1 review), Jari Niemelä, 01.01.2007 → 31.12.2007

Referee: Landscape and Urban Planning, Jari Niemelä, 02.12.2007 → 31.12.2007, United Kingdom

Referee: Journal of Insect Conservation, Jari Niemelä, 27.02.2007 → 31.12.2007, United Kingdom

Referee: Urban Ecosystems (1 review), Jari Niemelä, 01.01.2007 → 31.12.2007

Biological Conservation julkaisusarjan arvioitsija (1 arviointi), Jari Niemelä, 01.01.2008 → 31.12.2008

Insect Conservation and Diversity-julkaisusarjan arvioitsija (2 arviointia), Jari Niemelä, 01.01.2008 → 31.12.2008

Landscape and Urban Planning julkaisusarjan arvioitsija (2 arviointia), Jari Niemelä, 01.01.2008 → 31.12.2008

Referee: Landscape and Urban Planning, Jari Niemelä, 09.09.2008 → 26.10.2008, United Kingdom

Agricultural and Forest Entomology julkaisusarjan arvioitsija (1 arviointi), Jari Niemelä, 19.12.2009

Vesa Yli-Pelkonen ,

Ambio - A Journal of the Human Environment -julkaisusarjan arvioitsija (1 arvio), Vesa Yli-Pelkonen, 01.01.2006 → 31.12.2006

Landscape and Urban Planning -julkaisusarjan arvioitsija (1 arvio), Vesa Yli-Pelkonen, 01.01.2006 → 31.12.2006

Sustainability: Science, Practice, & Policy -julkaisusarjan arvioitsija (1 arvio), Vesa Yli-Pelkonen, 01.01.2006 → 31.12.2006

Landscape and Urban Planning -julkaisusarjan arvioitsija (1 arvio), Vesa Yli-Pelkonen, 01.01.2007 → 31.12.2007

Management of Environmental Quality -julkaisusarjan Editorial Advisory Board:n jäsen, Vesa Yli-Pelkonen, 01.09.2007 → ...

Boreal Environment Research -julkaisusarjan arvioitsija (1 arvio), Vesa Yli-Pelkonen, 01.01.2008 → 31.12.2008

Landscape and Urban Planning -julkaisusarjan arvioitsija (2 arviointia), Vesa Yli-Pelkonen, 01.01.2008 → 31.12.2008

Urban Ecosystems -julkaisusarjan arvioitsija (1 arvio), Vesa Yli-Pelkonen, 01.01.2008 → 31.12.2008

Journal of Environmental Management -julkaisusarjan arvioitsija (1 arvio), Vesa Yli-Pelkonen, 01.01.2009 → 31.12.2009

Urban Forestry & Urban Greening -julkaisusarjan arvioitsija (3 arviointia), Vesa Yli-Pelkonen, 01.01.2009 → 31.12.2009

Ambio - A Journal of the Human Environment -julkaisusarjan arvioitsija (1 arvio), Vesa Yli-Pelkonen, 01.01.2010 → 31.12.2010

Land Degradation & Development -julkaisusarjan arvioitsija (1 arvio), Vesa Yli-Pelkonen, 01.01.2010 → 31.12.2010

Management of Environmental Quality -julkaisusarjan arvioitsija (1 arvio), Vesa Yli-Pelkonen, 01.01.2010 → 31.12.2010

Urban Ecosystems -julkaisusarjan arvioitsija (1 arvio), Vesa Yli-Pelkonen, 01.01.2010 → 31.12.2010

Anja Nygren ,

Journal of Ecological Anthropology, Anja Nygren, 01.2005, United States



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GENU/Hukkinen

Journal of Environment and Development, Anja Nygren, 11.2005, United States
Journal of Environmental Management, Anja Nygren, 07.2005, United Kingdom
Political Geography, Anja Nygren, 10.2005, United Kingdom
Society and Natural Resources, Anja Nygren, 05.2005, United States
Society and Natural Resources, Anja Nygren, 09.2005, United States
Society and Natural Resources, Anja Nygren, 11.2005, United States
Society and Natural Resources, Anja Nygren, 12.2005, United States
Sustainability: Science, Practice and Policy, Anja Nygren, 11.2005, United States
World Development, Anja Nygren, 05.2005, United States
Current Anthropology, Anja Nygren, 03.2006, United States
Development and Change, Anja Nygren, 10.2006, United Kingdom
El Norte, Anja Nygren, 09.2006, Finland
Forest Policy and Economics, Anja Nygren, 06.2006, United States
Journal of Environment and Development, Anja Nygren, 06.2006, United States
Society and Natural Resources, Anja Nygren, 03.2006, United States
Sustainability: Science, Practice & Policy, Anja Nygren, 03.2006, United States
Development and Change, Anja Nygren, 01.2007, United Kingdom
El Norte, Anja Nygren, 2007 → ..., Finland
Environment and Planning, Anja Nygren, 10.2007, United Kingdom
Social Anthropology, Anja Nygren, 04.2007, United Kingdom
Society and Natural Resources, Anja Nygren, 03.2007, United States
Society and Natural Resources, Anja Nygren, 04.2007, United States
Society and Natural Resources, Anja Nygren, 09.2007, United Kingdom
World Development, Anja Nygren, 12.2007, United States
Current Anthropology, Anja Nygren, 01.2008, United States
El Norte, Anja Nygren, 01.2008, Finland
Environmental Conservation, Anja Nygren, 04.2008, United States
Environmental Conservation, Anja Nygren, 09.2008, United States
Fennia, Anja Nygren, 11.2008, Finland
Journal of Ecological Anthropology, Anja Nygren, 02.2008, United States
Journal of Environmental Management, Anja Nygren, 02.2008, United Kingdom
Journal of Environmental Management, Anja Nygren, 11.2008, United Kingdom
Journal of Peasant Studies, Anja Nygren, 09.2008, United States
Open Environmental Journal, Anja Nygren, 2008 → ..., United Kingdom
Open Sociological Journal, Anja Nygren, 2008 → ..., United Kingdom
Society and Natural Resources, Anja Nygren, 12.2008, United States
Conservation and Society, Anja Nygren, 12.2009, United States
Ecological Applications, Anja Nygren, 05.2009, United States
Environment and Planning D, Anja Nygren, 08.2009, United Kingdom
Environmental Values, Anja Nygren, 03.2009, United Kingdom
Journal of Environmental Management, Anja Nygren, 04.2009, United Kingdom



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GENU/Hukkinen

Journal of Environmental Management, Anja Nygren, 06.2009, United Kingdom
Agriculture and Human Values, Anja Nygren, 06.2010, United States
Human Ecology, Anja Nygren, 12.2010, United States
International Journal of Public Administration, Anja Nygren, 10.2010, United Kingdom
Journal of Environment and Development, Anja Nygren, 06.2010, United States
Philippine Agricultural Scientist, Anja Nygren, 12.2010, Philippines

Joni Valkila ,

Peer-reviews for the following journals: Ecological Economics, World Development, Agriculture and Human Values, the Journal of Cleaner Production and the Journal of Small Business and Entrepreneurship, Joni Valkila, 01.01.2009 → ...

Gutu Olana Wayessa ,

Refereeing articles contributed for publication, Gutu Olana Wayessa, 09.2010 → ..., United States

Timo Kaartinen ,

Toista maata? Translation of Thomas Hylland Eriksenin teoksesta Small Places, Large Issues, Timo Kaartinen, 2004 → ..., Finland
Antropologi Indonesia, Timo Kaartinen, 2010 → ..., Indonesia
Peer review, Timo Kaartinen, 2010 → ..., Australia

Editor of series

Jari Niemelä ,

Landscape Ecology julkaisusarjan toimituskunnan jäsen, Jari Niemelä, 01.01.2005 → 31.12.2010
Member of the editorial board of Forest Ecology and Management, Jari Niemelä, 01.01.2005 → 31.12.2009

Timo Kaartinen ,

Studia Fennica Anthropologica, Timo Kaartinen, 2007 → ..., Finland

Assessment of candidates for academic posts

Jari Niemelä ,

Dosentihakemuksen arviointi, Jari Niemelä, 01.07.2006 → 30.07.2006, Sweden

Anja Nygren ,

Assessment of candidates for University Lecturer post, Anja Nygren, 2006, Finland
Assessment of candidates for Post-doc post, Anja Nygren, 2008, Denmark
Assessment of candidates for Associate Professor post, Anja Nygren, 2009, Denmark
Assessment of candidates for University Lecturer post, Anja Nygren, 2009, Finland

Timo Kaartinen ,

Docentship assessment, Timo Kaartinen, 2009 → ..., Sweden

Membership or other role in review committee

Jari Niemelä ,

FORMAS tutkimusrahoitusorganisaation yhden asiantuntijapaneelin jäsen, Jari Niemelä, 01.01.2006 → 31.12.2008, Sweden
FORMAS tutkimusrahoitusorganisaation asiantuntijapaneelin puheenjohtaja, Jari Niemelä, 01.01.2009 → 31.12.2010, Sweden

Vesa Yli-Pelkonen ,

Asiantuntijatehtävä, Vesa Yli-Pelkonen, 01.01.2009 → 31.12.2009, Belgium

Jussi Pakkasvirta ,

Anuario de Estudios Centroamericanos, Jussi Pakkasvirta, 2010
Argos, revista de ciencias sociales y humanidades de la Universidad Simón Bolívar, Jussi Pakkasvirta, 2010, Venezuela



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GENU/Hukkinen

Pensares y Quehaceres, Jussi Pakkasvirta, 2010, Mexico

Textos de Economía, Paz y Seguridad, Jussi Pakkasvirta, 2010, Mexico

Markus Kröger ,

Siemenpuu säätiön hankearvioija, Markus Kröger, 01.2005 → 06.2008, Finland

Timo Kaartinen ,

Appointment committee of university lecturer, Timo Kaartinen, 19.04.2005 → 01.08.2005, Finland

Project assessment, Timo Kaartinen, 2009, Estonia

Membership or other role in research network

Annukka Berg ,

YHYS:n hallitus, Annukka Berg, 01.01.2008 → 31.12.2010, Finland

Sarianne Tikkanen ,

Asiantuntijaverkoston jäsenyys, Sarianne Tikkanen, 2006 → ...

Jari Niemelä ,

Jäsenyys European Platform for Biodiversity Research Strategy verkostossa, Jari Niemelä, 01.01.2001 → 31.12.2010

Helsingin yliopiston ympäristötutkimus- ja opetusyksikön ohjausryhmän puheenjohtaja, Jari Niemelä, 01.01.2005 → 31.12.2010, Finland

Member of the board of European Platform for Biodiversity Research Strategy-tutkimusverkoston hallituksen jäsen, Jari Niemelä, 01.01.2005 → 31.12.2008

Timo Kaartinen ,

Board membership, Timo Kaartinen, 2010 → 2013, Finland

Membership or other role in national/international committee, council, board

Janne Ilmari Hukkinen ,

Member of the Advisory Board of Finnish Futures Research Centre, Janne Ilmari Hukkinen, 01.01.2000 → 31.12.2010, Finland

Board Member of National Graduate School in Environmental Social Science, Janne Ilmari Hukkinen, 01.01.2001 → 31.12.2010, Finland

Board Member of National Graduate School in Science and Technology Studies, Janne Ilmari Hukkinen, 01.01.2001 → 31.12.2010, Finland

Member of the Board of European Society for Ecological Economics (ESEE), Janne Ilmari Hukkinen, 01.01.2006 → 31.12.2010, United States

Member of the Board of Directors of Helsinki Institute of Science and Technology Studies (HIST), Janne Ilmari Hukkinen, 01.01.2007 → 31.12.2010, Finland

Board of Directors of Helsinki Institute of Science and Technology Studies (HIST), Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland

Board of Directors of Helsinki Institute of Science and Technology Studies (HIST), Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland

Board of Directors of the Finnish Graduate School in Environmental Social Science (YHTYMÄ), Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland

Board of Directors of the Finnish Graduate School in Environmental Social Science (YHTYMÄ), Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland

Board of Directors of the Finnish Graduate School in Future Business Competencies (TULIO), Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland

Board of Directors of the Finnish Graduate School in Science and Technology Studies (TITEKO), Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland

Board of Directors of the Finnish Graduate School in Science and Technology Studies (TITEKO), Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland

Board of European Society for Ecological Economics (ESEE), Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008



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GENU/Hukkinen

Board of European Society for Ecological Economics (ESEE), Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008

European Commission's 7th Framework Programme Environment Advisory Group, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008

European Commission's 7th Framework Programme Environment Advisory Group, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008

Independent expert interviewed for the Finnish Environment Institute international evaluation, Janne Ilmari Hukkinen, 27.11.2008 → 31.12.2008, Finland

Independent expert interviewed for the Finnish Environment Institute international evaluation, Janne Ilmari Hukkinen, 27.11.2008 → 31.12.2008, Finland

Member of the European Commission's 7th Framework Programme Environment and Climate Scientific Advisory Group, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2010, Belgium

Member of the Steering Committee of Helsinki University Centre for Environment (HENVI), Janne Ilmari Hukkinen, 01.08.2008 → 31.12.2010, Finland

Steering Committee of Helsinki University Centre for Environment (HENVI), Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland

Steering Committee of Helsinki University Centre for Environment (HENVI), Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland

Ympäristönsuojelun kummiprofessori, Teknillinen korkeakoulu, Lahden keskus, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland

Ympäristönsuojelun kummiprofessori, Teknillinen korkeakoulu, Lahden keskus, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland

of Directors of the Finnish Graduate School in Future Business Competencies (TULIO), Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland

Board Member of the National Graduate School in Arctic Studies, Janne Ilmari Hukkinen, 01.01.2010 → 31.12.2010, Finland

Board member of Ruralia Institute, University of Helsinki, Janne Ilmari Hukkinen, 01.01.2010 → ..., Finland

Chair of Advisory Board of Finnish Environment Institute, Janne Ilmari Hukkinen, 01.01.2010 → 31.12.2010, Finland

Member of selection committee, professor of Russian energy policy, University of Helsinki, Janne Ilmari Hukkinen, 01.03.2010 → 31.12.2010, Finland

Member of selection committee, professor of science and technology studies, University of Helsinki, Janne Ilmari Hukkinen, 01.10.2010 → ...

Member of the Publication Forum, Janne Ilmari Hukkinen, 01.12.2010 → 31.12.2011, Finland

Annukka Berg ,

Suomen luonnonsuojeluliiton energia- ja ilmastovalokunta, Annukka Berg, 01.01.2006 → 31.12.2006, Finland

Suomen luonnonsuojeluliiton energia- ja ilmastovaliokunta, Annukka Berg, 01.01.2007 → 31.12.2007, Finland

Helsingin yliopiston ympäristöopetuksen ohjausryhmä, Annukka Berg, 01.01.2008 → 31.12.2008, Finland

Kuluttaja-asia neuvottelukunta, Annukka Berg, 01.01.2008 → 30.04.2011, Finland

Luonnonsuojelija-lehden toimitusneuvosto, Annukka Berg, 01.01.2008 → 31.12.2008, Finland

Suomen luonnonsuojeluliiton energia- ja ilmastovaliokunta, Annukka Berg, 01.01.2008 → 31.12.2008, Finland

Suomen luonnonsuojeluliiton kestävän tuotannon ja kulutuksen valiokunta, Annukka Berg, 01.01.2008 → 31.12.2008, Finland

Yhteiskuntatieteellisen ympäristötutkimuksen seura ry (YHYS), Annukka Berg, 01.01.2008 → 31.12.2010, Finland

Sarianne Tikkanen ,

Johtokunnan jäsenyys, Sarianne Tikkanen, 2006 → 2010, Finland

YHYS - Yhteiskuntatieteellisen ympäristötutkimuksen seura ry., Sarianne Tikkanen, 01.01.2007 → 31.12.2007, Finland

Ilmo Massa ,

Yhteiskunnallisen ympäristöalan valtakunnallisen tutkijakoulun YHTYMÄ:n vastaava Helsingin yliopiston Yhteiskuntapolitiikan sekä Bio- ja ympäristötieteiden laitoksella., Ilmo Massa, 01.01.2008 → 31.12.2008, Finland

Jari Niemelä ,

Society for Conservation Biology, European Section, member of Board, Jari Niemelä, 01.01.2002 → 31.12.2005

Geeniteknikan lautakunnan varapuheenjohtaja, Jari Niemelä, 01.01.2005 → 31.12.2010



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GENU/Hukkinen

Ympäristötutkimuksen koordinaatioryhmä, Jari Niemelä, 01.01.2006 → 31.12.2008, Finland

Member of WWF International Board, Jari Niemelä, 01.01.2008 → 31.12.2009, Switzerland

Anja Nygren ,

International Foundation for Science, Anja Nygren, 01.01.2005 → 31.12.2005, Sweden

Member of the External Research Evaluation Panel, University of Life Sciences, Norway, Anja Nygren, 03.2005 → 05.2005, Norway

University of Life Sciences, Anja Nygren, 01.01.2005 → 31.12.2005, Norway

International Foundation for Science, Anja Nygren, 01.01.2006 → 31.12.2006, Sweden

Research Council of Norway, Anja Nygren, 01.01.2006 → 31.12.2006, Norway

Research application reviewing, Anja Nygren, 2006, Norway

Social Science Advisory Board member, International Foundation for Science, Anja Nygren, 2006 → 2010, Sweden

IFS Social Science Advisory Board Meeting, Sweden, Anja Nygren, 30.10.2008 → 03.11.2008, Sweden

Member of the Advisory Board, Anja Nygren, 2008 → 2009, Finland

Research application reviewing, Anja Nygren, 2008, Denmark

Board member, Anja Nygren, 2009 → ..., Finland

IFS Social Science Advisory Board Meeting, Benin, Anja Nygren, 24.04.2009 → 29.04.2009, Benin

Research application reviewing, Anja Nygren, 2009, Denmark

International Committee Member for International Association for Society and Natural Resources' Conference, Anja Nygren, 2010 → ..., United States

Member of the Research and Postgraduate Training Committee, Anja Nygren, 2010 → 2013, Finland

Research application reviewing, Anja Nygren, 2010, Denmark

Joni Valkila ,

Kehitystutkimuksen seuran sihteeri, Joni Valkila, 15.02.2006 → 15.02.2008

Jussi Pakkasvirta ,

Amici Instituti Iberoamericani Universitatis Helsingiensis r.y., Jussi Pakkasvirta, 01.01.2005 → 31.12.2005, Finland

EU:n ALFA-ohjelma, Jussi Pakkasvirta, 01.01.2005 → 31.12.2005

HY, Yliopiston Kollegio, Jussi Pakkasvirta, 01.01.2005 → 31.12.2005

HY, Yliopiston kv. toimikunta, Jussi Pakkasvirta, 01.01.2005 → 31.12.2005

HY, hum tdk, jatkokutk. toimikunta, Jussi Pakkasvirta, 01.01.2005 → 31.12.2005

HY, tdk-neuvosto, Jussi Pakkasvirta, 01.01.2005 → 31.12.2005

Siirtolaisinstituutti, Jussi Pakkasvirta, 01.01.2005 → 31.12.2005

Suomen Akatemia, Monitieteisyys Venäjän tutkimuksessa, Jussi Pakkasvirta, 01.01.2005 → 31.12.2005

Suomen Rauhan tutkimusyhdistys, Jussi Pakkasvirta, 01.01.2005 → 31.12.2005

Amici Instituti Iberoamericani Universitatis Helsingiensis r.y., Jussi Pakkasvirta, 01.01.2006 → 31.12.2006, Finland

EU:n ALFA-ohjelma, Jussi Pakkasvirta, 01.01.2006 → 31.12.2006

SAREC-SIDA (Ruotsin UM), Jussi Pakkasvirta, 01.01.2006 → 31.12.2006, Sweden

Siirtolaisinstituutti, Jussi Pakkasvirta, 01.01.2006 → 31.12.2006, Finland

Suomen Rauhan tutkimusyhdistys, Jussi Pakkasvirta, 01.01.2006 → 31.12.2006, Finland

Amici Instituti Iberoamericani Universitatis Helsingiensis r.y., Jussi Pakkasvirta, 01.01.2007 → 31.12.2007, Finland

SAREC-SIDA, Jussi Pakkasvirta, 01.01.2007 → 31.12.2007, Sweden

SIDA / SAREC evaluation committee, Jussi Pakkasvirta, 15.05.2007 → 15.12.2010, Sweden

Siirtolaisinstituutti, Jussi Pakkasvirta, 01.01.2007 → 31.12.2007, Finland

Suomen Rauhan tutkimusyhdistys, Jussi Pakkasvirta, 01.01.2007 → 31.12.2007, Finland



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jatkotutk. toimikunnan, Jussi Pakkasvirta, 01.01.2007 → 31.12.2007, Finland

SRTY- Suomen Rauhantutkimusyhdistys, Jussi Pakkasvirta, 01.01.2008 → 31.12.2008, Finland

Heikki Patomäki ,

International Association of Critical Realism, Heikki Patomäki, 01.01.2005 → 31.12.2005

Network Institute for Global Democratization,, Heikki Patomäki, 01.01.2005 → 31.12.2005

Peace Studies Section, ISA, Executive Committee, Heikki Patomäki, 01.01.2005 → 31.12.2005

The Centre for the Study of Globalization at Mediterranean College, Greece, Heikki Patomäki, 01.01.2005 → 31.12.2005

Centre for the Study of Globalization at Mediterranean College, Greece, Heikki Patomäki, 01.01.2006 → 31.12.2006

Centre of Excellence in Global Governance Research, Heikki Patomäki, 01.01.2006 → 31.12.2006

FinnSight 2015, Suomen Akatemian ja Tekesin tulevaisuusarvio, asiantuntijapaneelin Maailmantalous, Heikki Patomäki, 01.01.2006 → 31.12.2006, Finland

Network Institute for Global Democratisation, NIGD, Heikki Patomäki, 01.01.2006 → 31.12.2006

Board, International Association of Critical Realism, Heikki Patomäki, 01.01.2006 → 31.12.2006

Centre for the Study of Globalization at Mediterranean College, Heikki Patomäki, 01.01.2007 → 31.12.2007, Greece

Centre of Excellence in Global Governance Research, Heikki Patomäki, 01.01.2007 → 31.12.2007

FinnSight 2015, Suomen Akatemian ja Tekesin tulevaisuusarvio, asiantuntijapaneeli Maailmantalous, Heikki Patomäki, 01.01.2007 → 31.12.2007

International Association of Critical Realism, Heikki Patomäki, 01.01.2007 → 31.12.2007

Network Institute for Global Democratization, NIGD, Heikki Patomäki, 01.01.2007 → 31.12.2007

Teivo Teivainen ,

Advisory Board Member, Teivo Teivainen, 2004 → ..., United States

International Political Economy Section of the ISA, Teivo Teivainen, 01.01.2006 → 31.03.2006, United States

International Political Economy Section of the ISA, Teivo Teivainen, 01.01.2006 → 31.12.2006, United States

International Studies Association, Teivo Teivainen, 01.01.2006 → 31.03.2006, United States

Network Institute for Global Democratization, Teivo Teivainen, 01.01.2006 → 31.12.2006

Peru Section of the Latin American Studies Association, Teivo Teivainen, 01.01.2006 → 31.12.2006, United States

Timo Kaartinen ,

Board membership, Timo Kaartinen, 2001 → 2007, Finland

APS-ohjelman johtokunta (Helsingin yliopisto), Timo Kaartinen, 01.01.2005 → 31.12.2005

Suomen Antropologinen Seura, Timo Kaartinen, 01.01.2005 → 31.12.2005, Finland

Viikin Tropiikki-instituutin neuvottelukunta, Timo Kaartinen, 01.01.2005 → 31.12.2005

Suomen Antropologinen Seura, Timo Kaartinen, 01.01.2006 → 09.03.2006, Finland

Suomen Antropologinen Seura, Timo Kaartinen, 09.03.2006 → 31.12.2006, Finland

Board membership, Timo Kaartinen, 2007 → ..., Finland

Suomen Antropologinen Seura, Timo Kaartinen, 01.01.2007 → 31.12.2007, Finland

Suomen Antropologinen Seura, Timo Kaartinen, 01.01.2008 → 31.12.2008, Finland

Membership or other role in public Finnish or international organization

Janne Ilmari Hukkinen ,

Expert Counsellor on the Environment for the Supreme Administrative Court of Finland, Janne Ilmari Hukkinen, 01.01.2000 → 31.12.2010, Finland

Korkein hallinto-oikeus (KHO), ympäristöasiantuntijaneuvos, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland

Korkein hallinto-oikeus (KHO), ympäristöasiantuntijaneuvos, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland



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GENU/Hukkinen

Vice Member of Finnish National Commission on Sustainable Development, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2010, Finland

Laura Saikku ,

Ympäristöministeriö, Työryhmä: EU:n komission valmisteleva ilmasto- ja energiapaketti, Laura Saikku, 01.01.2007 → 31.12.2007, Finland

Ympäristöministeriö, Työryhmä: EU:n komission valmisteleva ilmasto- ja energiapaketti, Laura Saikku, 01.01.2008 → 31.12.2008, Finland

Jari Niemelä ,

Member of the expert evaluation panel of Maj and Tor Nessling foundation, Jari Niemelä, 01.01.2001 → 31.12.2006, Finland

Member of the scientific advisory board of Forest and park services, Finland, Jari Niemelä, 31.01.2004 → 31.12.2010

Member of the advisory board of the Finnish Environment Institute, Jari Niemelä, 01.01.2005 → 31.12.2008, Finland

Member of the board of Maj and Tor Nessling foundation, Jari Niemelä, 01.01.2007 → 31.12.2010

Member of the scientific advisory board of MTT research, Jari Niemelä, 01.09.2007 → 31.12.2010, Finland

Anja Nygren ,

Asiantuntijapoolin jäsen, Anja Nygren, 2006 → ..., Finland

Siemenpuu-Säätiö, Anja Nygren, 01.01.2006 → 31.12.2006, Finland

Chair of the Finnish Society for Development Research, Anja Nygren, 2007 → 2008, Finland

Jussi Pakkasvirta ,

Helinä Rautavaaran museon säätiö, Jussi Pakkasvirta, 01.01.2005 → 31.12.2005, Finland

HY, Yliopiston Kollegio, Jussi Pakkasvirta, 01.01.2006 → 31.12.2006, Finland

HY, Yliopiston kv. toimikunta, Jussi Pakkasvirta, 01.01.2006 → 31.12.2006, Finland

HY, hum tdk, jatkokutk. toimikunta, Jussi Pakkasvirta, 01.01.2006 → 31.12.2006, Finland

HY, tdk-neuvosto (hum tdk), Jussi Pakkasvirta, 01.01.2006 → 31.12.2006, Finland

Helinä Rautavaaran museon säätiö, Espoo, Jussi Pakkasvirta, 01.01.2006 → 31.12.2006, Finland

Helinä Rautavaaran museon säätiö, Jussi Pakkasvirta, 01.01.2007 → 31.12.2007, Finland

Eduskunnan tulavaisuusvaliokunta, Jussi Pakkasvirta, 01.01.2008 → 31.12.2008, Finland

Eduskunnan tulevaisuusvaliokunta, Jussi Pakkasvirta, 01.01.2008 → 31.12.2008, Finland

Helinä Rautavaaran Museon säätiö, Jussi Pakkasvirta, 01.01.2008 → 31.12.2008, Finland

Yleisradio (usaita haastatteluja), Jussi Pakkasvirta, 01.01.2008 → 31.12.2008, Finland

Yleisradio (usaita haastatteluja), Jussi Pakkasvirta, 01.01.2008 → 31.12.2008, Finland

Asiantuntijajäsen, Jussi Pakkasvirta, 2009 → 2010, Finland

Markus Kröger ,

UNDP, Suomen Ulkoministeriö ja CNS: Amazonin keräilyreservaatti-kehitysyhteistyöhankkeiden konsultointia ja esittelyä, Markus Kröger, 05.2005 → 05.2006

Teivo Teivainen ,

Maailman sosiaalifoorumin kansainvälinen neuvosto, Teivo Teivainen, 01.01.2008 → 31.12.2008

Timo Kaartinen ,

Viikki Tropical Resources Institute (VITRI, HY), neuvottelukunnan jäsen, Timo Kaartinen, 01.01.2006 → 31.12.2006, Finland

Board membership, Timo Kaartinen, 2009 → ..., Finland

Membership or other role of body in private company/organisation

Janne Ilmari Hukkinen ,

Ekosäätiö, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland

Ekosäätiö, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland



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Ilmari Turjan seuran hallitus, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland

Ilmari Turjan seuran hallitus, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland

Suomen Kulttuurirahaston Kannatusyhdistys ry, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland

Suomen Kulttuurirahaston Kannatusyhdistys ry, Janne Ilmari Hukkinen, 01.01.2008 → 31.12.2008, Finland

Member of the Board of WWF Finland, Janne Ilmari Hukkinen, 01.07.2010 → 31.12.2010, Finland

Jari Niemelä ,

Chairman of the Executive Board of WWF Finland, Jari Niemelä, 01.01.2005 → 31.12.2010, Finland

Gardenia Oy:n hallituksen jäsen, Jari Niemelä, 01.01.2007 → 31.12.2010, Finland

Kati Vierikko ,

Helsingin luonnonsuojeluyhdistys, hallitus, Kati Vierikko, 01.01.2006 → 31.12.2006, Sweden

Suomen luonnonsuojeluliitto, liittohallitus, Kati Vierikko, 01.01.2006 → 31.12.2006, Sweden

Participation in interview for written media

Janne Ilmari Hukkinen ,

Jäähyväiset kasvupakolle, Janne Ilmari Hukkinen, 06.06.2010, Finland

Kasvun rajat, Janne Ilmari Hukkinen, 17.09.2010, Finland

Annukka Berg ,

Hiilestä henkilökohtainen ongelma, Annukka Berg, 02.2010, Finland

Jäähyväiset kasvupakolle, Annukka Berg, 06.06.2010, Finland

Kestämättömän kulutuksen kurimus, Annukka Berg, 24.02.2010, Finland

Pientäjä, Annukka Berg, 11.2010, Finland

Päästötili palkitsee hiilihipin, Annukka Berg, 01.2010, Finland

Ryhdy päästökauppiaksi, Annukka Berg, 19.01.2010, Finland

Ilmo Massa ,

Kirjamessut, Helsinki, Ilmo Massa, 26.10.2003 → 31.12.2011, Finland

Paula Mannonen, Pro-mo 5/2008., Ilmo Massa, 01.01.2008 → 31.12.2011, Finland

Jari Niemelä ,

Ylen aikainen, Jari Niemelä, 21.10.2008, Sweden

Haastattelu Helsingin Sanomissa, Jari Niemelä, 20.07.2010, Finland

Anja Nygren ,

Kimppu-lehti, Anja Nygren, 01.01.2006 → 31.12.2011, Finland

Joni Valkila ,

Taloussanomat, Joni Valkila, 16.06.2007 → 31.12.2011, Finland

Vihreä Lanka, Joni Valkila, 19.01.2007 → 31.12.2011, Finland

Vihreä Lanka, Joni Valkila, 24.08.2007 → 31.12.2011, Finland

Hufvudstadsbladet, Joni Valkila, 05.12.2010

Gutu Olana Wayessa ,

Afrikan kärsii ruokakriisistä eniten, Gutu Olana Wayessa, 09.06.2008, Finland

Opinion on Finland's policy to attract international researchers, Gutu Olana Wayessa, 2008

Parhaat lähtevät joka tapauksessa, Gutu Olana Wayessa, 16.08.2008, Finland

Jussi Pakkasvirta ,

Helsinki Forumin järjestämä itsenäisyyspäivätilaisuus, Jussi Pakkasvirta, 06.12.2001 → 31.12.2011, Finland



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Akateeminen kirjakauppa, kirjailijan esittely, Jussi Pakkasvirta, 06.05.2002 → 31.12.2011, Finland

Akateeminen kirjakauppa, kirjailijan esittely, Jussi Pakkasvirta, 26.09.2002 → 31.12.2011, Finland

LA voz del Interior, Jussi Pakkasvirta, 14.12.2003 → 31.12.2011, Finland

Revista Universidad, Jussi Pakkasvirta, 28.02.2003 → 31.12.2011, Finland

Peltirumpu, YLE Q, Jussi Pakkasvirta, 01.01.2004 → 31.12.2011, Finland

FST, Spotlight, Jussi Pakkasvirta, 01.01.2005 → 31.12.2011, Finland

YLE1, Jussi Pakkasvirta, 01.01.2005 → 31.12.2011, Finland

Haastattelu 9.11.2007 Uutispäivä Demari, Jussi Pakkasvirta, 09.11.2007

Useita kymmeniä, Jussi Pakkasvirta, 01.01.2008 → 31.12.2011, Finland

Interview for written media, Jussi Pakkasvirta, 09.05.2009, Argentina

Interview for written media, Jussi Pakkasvirta, 05.05.2010, Costa Rica

Interview for written media, Jussi Pakkasvirta, 01.12.2010, Finland

Interview for written media, Jussi Pakkasvirta, 26.11.2010, Finland

Heikki Patomäki ,

Alakertakirjoitus, Turun Sanomat, Heikki Patomäki, 18.11.2003 → 31.12.2011, Finland

Esitelmä ATTAC Norway n järjestämässä seminaarissa Norjan sosiaalifoorumissa Oslossa, Heikki Patomäki, 31.10.2003 → 31.12.2011, Finland

Esitelmä ATTACin järjestämässä tilaisuudessa Globaali demokratia , Helsingin yliopistossa,, Heikki Patomäki, 25.11.2003 → 31.12.2011, Finland

Esitelmä Turun Vihreiden järjestämässä demokratia-seminaarissa Turun Ruissalossa, Heikki Patomäki, 21.09.2003 → 31.12.2011, Finland

Esitelmä Vihreiden kirjallisessa salongissa Helsingissä, Heikki Patomäki, 06.11.2003 → 31.12.2011, Finland

Esitelmä Vihreiden puoluevaltuuskunnan kokouksessa Tampereella, Heikki Patomäki, 15.11.2003 → 31.12.2011, Finland

Haastattelu norjaksi, Klassekampen, Heikki Patomäki, 01.11.2003 → 31.12.2011, Finland

Haastattelu, Demari, Heikki Patomäki, 04.11.2003 → 31.12.2011, Finland

Haastattelu, Itä-Savo ja Länsi-Savo, Heikki Patomäki, 24.11.2003 → 31.12.2011, Finland

Haastattelu, Kaleva, Heikki Patomäki, 20.12.2003 → 31.12.2011, Finland

Haastattelu, Metro, Heikki Patomäki, 26.08.2003 → 31.12.2011, Finland

Haastattelu, Ruotsin Sanomat, Heikki Patomäki, 18.11.2003 → 31.12.2011, Finland

Haastattelu, Suomenmaa, Heikki Patomäki, 26.09.2003 → 31.12.2011, Finland

Haastattelu, Tiedonantaja, Heikki Patomäki, 05.09.2003 → 31.12.2011, Finland

Haastattelu, Valtiotieteilijä 4/2003, Heikki Patomäki, 01.01.2003 → 31.12.2011, Finland

Haastattelu, Yliopisto 17/03, Heikki Patomäki, 07.11.2003 → 31.12.2011, Finland

Haastattelu, Turun Sanomat, Heikki Patomäki, 19.10.2003 → 31.12.2011, Finland

Kirjoitus yhdessä B.Auffermannin kanssa, Hufvudstadsbladet, 10.12.2003., Heikki Patomäki, 10.12.2003 → 31.12.2011, Finland

Kolumni Maailma.net issä (<http://fi.oneworld.net/article/view/75307/1/>), 16.12. (julkaistu lyhennettynä myös lehdessä Rauhan puolesta 4/03)., Heikki Patomäki, 16.12.2003 → 31.12.2011, Finland

Osallistuja Rauhanpuolustajien järjestämässä paneelissa, Heikki Patomäki, 22.10.2003 → 31.12.2011, Finland

SFT, haastattelu ohjelmassa 360 astetta,, Heikki Patomäki, 04.11.2003 → 31.12.2011, Finland

YLE A-Atlas, haastattelu, Heikki Patomäki, 20.11.2003 → 31.12.2011, Finland

YLE A-Studio, haastattelu, Heikki Patomäki, 19.12.2003 → 31.12.2011, Finland

"Vaalikeskustelu", järjestäjänä Suomen ATTAC, mukana keskustelemassa eurovaalivaaliehdokkaat: Sirpa Pietikäinen (kok.), Alpo Rusi (kesk.), Matti Wuori; Alahuone, VR:n makasiinit, Helsinki(vihr.), Esko Seppänen (vas.), Markus Österlund (rkp.) ja , Heikki Patomäki, 15.05.2004 → 31.12.2011, Finland



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ATTACin valtakunnallinen koulutuspäivä, Itäkeskuksen työväenopisto, Helsinki, Heikki Patomäki, 18.09.2004 → 31.12.2011, Finland

Alakertakirjoitus yhdessä B.Auffermannin kanssa, Aamulehti, Heikki Patomäki, 04.01.2004 → 31.12.2011, Finland

Apu, no:37, Heikki Patomäki, 01.01.2004 → 31.12.2011, Finland

Avajaisilaisuuden pääesitelmä Työttömien 11.valtakunnallisilla ihmisoikeuspäivillä, Järvenpään seurakuntaopistolla, Heikki Patomäki, 18.10.2004 → 31.12.2011, Finland

Debatt, Hufvustadsbladet, Heikki Patomäki, 22.06.2004 → 31.12.2011, Finland

Haasattaelu, Aamulehti, Heikki Patomäki, 12.08.2004 → 31.12.2011, Finland

Haastattelu, Helsingin Sanomat, Heikki Patomäki, 23.01.2004 → 31.12.2011, Finland

Haastattelu, Helsingin Sanomat, A7, Heikki Patomäki, 28.04.2004 → 31.12.2011, Finland

Haastattelu, Kansanuutiset, ss.9-10, Heikki Patomäki, 29.10.2004 → 31.12.2011, Finland

Haastattelu, Vasabladet, Heikki Patomäki, 25.08.2004 → 31.12.2011, Finland

Haastattelut, Turun ylioppilaslehti, Heikki Patomäki, 07.05.2004 → 31.12.2011, Finland

Helsingin Sanomat, Heikki Patomäki, 31.05.2004 → 31.12.2011, Finland

Helsingin Sanomat, mielipideosasto; Julkaistu myös nimellä Skatt på kommande, trots allt, Hufvustadsbladet, Debatt, Heikki Patomäki, 03.10.2004 → 31.12.2011, Finland

Hiekaniyvät 3/2004 (syyskuu), s.2. Julkaistu myös Ny Tid lehdessä nimellä Berättelser om globalisering, 38/2004, Heikki Patomäki, 01.01.2004 → 31.12.2011, Finland

Hufvustadsbladet, s.12, Heikki Patomäki, 02.12.2004 → 31.12.2011, Finland

Kiljavan opistolla, Nurmijärvellä, SAK:n järjestämä YT-seminaari, Heikki Patomäki, 22.03.2004 → 31.12.2011, Finland

Mielipidekirjoitus, Helsingin Sanomat, Heikki Patomäki, 17.01.2004 → 31.12.2011, Finland

NIGDin järjestämä seminaari What after Unilateralism? Strategies toward Global Democratization, Heikki Patomäki, 17.01.2004 → 31.12.2011, Finland

STAKESin SOS-Terve tapahtuman yöseminaarissa, toisena keskustelijana Claes Andersson, puheenjohtajana Vappu Taipale, Otaniemen Dipoli, Espoo, Heikki Patomäki, 01.01.2004 → 31.12.2011, Finland

Sunnuntaidebatti, Helsingin Sanomat, Heikki Patomäki, 14.03.2004 → 31.12.2011, Finland

Suomen sosiaalifoorumissa, NIGDin ja Demokratiafoorumi VK:n järjestämässä seminaarissa globaalidemokratiasta (muina puhujina Satu Hassi, Juha Mustonen ja Heidi Hautala), Heikki Patomäki, 03.04.2004 → 31.12.2011, Finland

UP:n haastattelu, julkaistiin lehdissä Länsi-Savo, Hämeen Sanomat, Kymen Sanomat, Kouvolan Sanomat, Itä-Savo, Pohjolan Sanomat ja Kainuun Sanomat, Heikki Patomäki, 12.09.2004 → 31.12.2011, Finland

Ulkopolitiikka, (40):1, 2004, ss.76-80, Heikki Patomäki, 01.01.2004 → 31.12.2011, Finland

? keskustelutilaisuus YK:n kansainvälisenä rauhanpäivänä: HP ja Markku Kangaspuro Aleksanteri-instituutista, Helsingissä Kirjasto 10 (Elielinaukio 2 G, Postitalo) klo 18 20, järjestäjänä Suomen Rauhanpuolustajat., Heikki Patomäki, 01.01.2005 → 31.12.2011, Finland

A-Piste, YLE, Heikki Patomäki, 11.03.2005 → 31.12.2011, Finland

Aamulehti ja Turun Sanomat, Heikki Patomäki, 14.12.2005 → 31.12.2011, Finland

Esitelmä ATTACin koulutuspäivillä, STOA, Helsinki, Heikki Patomäki, 15.10.2005 → 31.12.2011, Finland

Esitelmä Tutkijoiden ja kansanedustajien seura - TUTKAS -ja Edistysellinen tiedeliitto ry keskustelutilaisuudessa KANSAINVÄLISTYMISEN HAASTEET YLIOPISTOKOULUTUKSELLEMME, Eduskunta, Helsinki., Heikki Patomäki, 11.05.2005 → 31.12.2011, Finland

Esitelmä Vihreän puolueen Globalisaatio ja hyvinvointipalvelut -think tankin tilaisuudessa, Ravintola Lasipalatsin Helsinki-kabinetissa, Heikki Patomäki, 01.09.2005 → 31.12.2011, Finland

Esitelmä, Karl Marx seuran tilaisuus, Ravintolalaiva Wäiskissä, Hakaniemenranta 11, Helsinki., Heikki Patomäki, 01.01.2005 → 31.12.2011, Finland

Esitelmä, Vasemmistoklubi, Ravintolalaiva Wäiski, Heikki Patomäki, 29.09.2005 → 31.12.2011, Finland

HSix Degrees lehdessä, 2/2005, Heikki Patomäki, 01.01.2005 → 31.12.2011, Finland

Haastattelu lehdissä Itä- ja Länsi-Savo, Heikki Patomäki, 30.07.2005 → 31.12.2011, Finland

Haastattelu, Anna., Heikki Patomäki, 17.02.2005 → ..., Finland



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Haastattelu, Kansan uutiset (etusivu ja s.8), Heikki Patomäki, 23.02.2005 → 31.12.2011, Finland

Haastattelu, Ruotsin Sanomat, Heikki Patomäki, 11.03.2005 → 31.12.2011, Finland

Haastattelu, YleQ, Heikki Patomäki, 10.08.2005 → 31.12.2011, Finland

Ilta-lehti, Heikki Patomäki, 16.07.2005 → 31.12.2011, Finland

Kauppalehti Presso, Heikki Patomäki, 01.10.2005 → 31.12.2011, Finland

Kehitys 2/2005, Heikki Patomäki, 01.01.2005 → 31.12.2011, Finland

Luento toimittajien koulutuskurssilla, Helsingin yliopisto Koulutus- ja kehittämiskeskus Palmenia, Heikki Patomäki, 25.11.2005 → 31.12.2011, Finland

Luento Kriittinen Eurooppa -luentosarjalla, järjestäjänä Kriittinen korkeakoulu, Helsingin yliopiston päärakennus, Heikki Patomäki, 14.11.2005 → 31.12.2011, Finland

Maailman tila 2005 teoksen (suom. laitos Gaudeamus 2005) julkistamistilaisuudessa, Vanha ylioppilastalo, Helsinki, Heikki Patomäki, 16.02.2005 → 31.12.2011, Finland

Nuorten filosofiapäivät, Heikki Patomäki, 16.01.2005 → 31.12.2011, Finland

Participation, with Risto E.J. Penttilä, Olli Kivinen, Stephen Rabe, Kimmo Kiljunen, and David A. Schlaefer, University of Helsinki Debating Society, Helsingin yliopiston päärakennuksen pieni juhlasali, Heikki Patomäki, 12.10.2005 → 31.12.2011, Finland

STT, Heikki Patomäki, 21.07.2005 → 31.12.2011, Finland

Seura, Heikki Patomäki, 15.04.2005 → 31.12.2011, Finland

Suomen kuvalehti, 28/2005, Heikki Patomäki, 01.01.2005 → 31.12.2011, Finland

Suomen ulkopoliittika EU-aikana, Heikki Patomäki, 25.04.2005 → 31.12.2011, Finland

T-Klubi, YLE Teema, TO 22.9. klo 20, PE 23.9. klo 23.50 sekä MA 26.9. klo 16.30., Heikki Patomäki, 01.01.2005 → 31.12.2011, Finland

Tieteentekijöiden liiton luottamuspäivät, Helsinki., Heikki Patomäki, 17.03.2005 → 31.12.2011, Finland

Turun Sanomat, Heikki Patomäki, 04.09.2005 → 31.12.2011, Finland

esitelmä, EETTISEET HAASTEET GLOBALISAATIOSSA KANSAINVÄLINEN VEROTUS, Helsinki prosessin alueellinen seminaari Rovaniemellä, Heikki Patomäki, 16.03.2005 → 31.12.2011, Finland

Teivo Teivainen ,

Aamutelevisio, Teivo Teivainen, 01.01.2002 → 31.12.2011, Ecuador

Caros Amigos, Teivo Teivainen, 01.01.2002 → 31.12.2011, Ecuador

Die Zeit, Teivo Teivainen, 01.01.2002 → 31.12.2011, Ecuador

Helsingin Sanomat, Teivo Teivainen, 01.01.2002 → 31.12.2011, Ecuador

Helsingin Sanomat, Teivo Teivainen, 01.01.2002 → 31.12.2011, Ecuador

Kansan uutisten viikkolehti, Teivo Teivainen, 01.01.2002 → 31.12.2011, Ecuador

Keskustelutilaisuus kansanedustajaehdokkailla, Teivo Teivainen, 14.12.2002 → 31.12.2011, Ecuador

Amnestyn vuosikokouksen vierailuesitelmä, Teivo Teivainen, 27.09.2008 → 31.12.2011, Finland

Artikkeli Helsingin Sanomissa, Teivo Teivainen, 06.06.2008 → 31.12.2011, Finland

Artikkeli Helsingin Sanomissa, Teivo Teivainen, 16.12.2008 → 31.12.2011, Finland

Esitelmä Maanantai-klubilla, Teivo Teivainen, 04.02.2008 → 31.12.2011, Finland

Esitelmä Pro Feminismi palkinnon luovutustilaisuudessa, Teivo Teivainen, 15.12.2008 → 31.12.2011, Finland

Esittely Helsingin Sanomissa, Teivo Teivainen, 06.07.2008 → 31.12.2011, Finland

Haastattelu (kansikuvajuttu) Ajassa-lehteen (Nordean asiakaslehti), Teivo Teivainen, 05.06.2008 → 31.12.2011, Finland

Haastattelu Amnesty-lehteen, Teivo Teivainen, 15.06.2008 → 31.12.2011, Finland

Haastattelu Amnesty-lehteen, Teivo Teivainen, 15.06.2008 → 31.12.2011, Finland

Haastattelu Helsingin Sanomissa, Teivo Teivainen, 09.03.2008 → 31.12.2011, Finland

Haastattelu Helsingin Sanomissa, Teivo Teivainen, 08.08.2008 → 31.12.2011, Finland



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Haastattelu Kaks Plus Perhe -lehteen, Teivo Teivainen, 05.10.2008 → 31.12.2011, Finland

Haastattelu Kaleva-lehteen, Teivo Teivainen, 17.12.2008 → 31.12.2011, Finland

Haastattelu Kansan Uutisiin, Teivo Teivainen, 16.12.2008 → 31.12.2011, Finland

Haastattelu Kansan Uutisissa, Teivo Teivainen, 08.07.2008 → 31.12.2011, Finland

Haastattelu Kotiliesi-lehteen, Teivo Teivainen, 21.10.2008 → 31.12.2011, Finland

Haastattelu Kouvolan Sanomissa, Teivo Teivainen, 09.08.2008 → 31.12.2011, Finland

Haastattelu SEL:n lehteen, Teivo Teivainen, 11.12.2008 → 31.12.2011, Finland

Haastattelu Yliopistolainen-lehteen, Teivo Teivainen, 11.12.2008 → 31.12.2011, Finland

KU:n viikolehti-lehteen, Teivo Teivainen, 13.06.2008 → 31.12.2011, Finland

Kalevan haastattelu, Teivo Teivainen, 21.07.2008 → 31.12.2011, Finland

Kalevan haastattelu, Teivo Teivainen, 24.09.2008 → 31.12.2011, Finland

Kansan uutisten viikkolehden haastattelu, Teivo Teivainen, 07.11.2008 → 31.12.2011, Finland

Kommentti Helsingin Sanomissa, Teivo Teivainen, 13.11.2008 → 31.12.2011, Finland

Kommentti Helsingin Sanomissa, Teivo Teivainen, 05.09.2008 → 31.12.2011, Finland

Kommentti Helsingin Sanomissa, Teivo Teivainen, 25.09.2008 → 31.12.2011, Finland

STTK:n AY-seminaari, Teivo Teivainen, 27.08.2008 → 31.12.2011, Finland

Seminaari Perunan historiasta, Teivo Teivainen, 02.10.2008 → 31.12.2011, Finland

Timo Kaartinen ,

Helinä Rautavaaran Museon avajaisesityelmä, Timo Kaartinen, 29.03.2000 → 31.12.2011, Finland

Tiede ja kulttuuri Topeliassa, Timo Kaartinen, 20.09.2001 → 31.12.2011, Finland

Näyttelyn avajaisseminaari Kulttuurien museolla (Helsinki), Timo Kaartinen, 26.04.2003 → 31.12.2011, Finland

Suomen Kuvalehti, Timo Kaartinen, 26.05.2006 → 31.12.2011, Finland

Tieteellisten Seurojen Valtuuskunnan järjestämä iltapäiväseminaari, Timo Kaartinen, 19.10.2006 → 31.12.2011, Finland

Väli-Suomen median Seepa-viikkoliite, Timo Kaartinen, 05.09.2006 → 31.12.2011, Finland

Helinä Rautavaaran Museon yleisöesityelmä, Timo Kaartinen, 29.04.2007 → 31.12.2011, Finland

Tiede 10/2007, Timo Kaartinen, 01.01.2007 → 31.12.2011, Finland

Tieteiden yö: esitelmä Kulttuurien Museossa (Hki), Timo Kaartinen, 11.01.2007 → 31.12.2011, Finland

Tutkittu juttu (YLE), Timo Kaartinen, 04.06.2007 → 31.12.2011, Finland

Toisin silmin -keskustelusarja, Timo Kaartinen, 30.10.2008 → 31.12.2011, United States

Varsinaissuomalaisen osakunnan 97-vuosisjuhla, Timo Kaartinen, 19.02.2008, United States

Participation in radio programme

Annukka Berg ,

YLE Radio 1: Uusi Mustat, Annukka Berg, 24.04.2010, Finland

Sarianne Tikkanen ,

Ekologinen verouudistus ohjauskeinona -haastattelu Talousarvio radio-ohjelmaan, Sarianne Tikkanen, 25.11.2005

Talousarvio -ohjelma, Yle Radio 1 (haastattelijana Anne Väisänen), Sarianne Tikkanen, 25.11.2005 → ..., Finland

Jari Niemelä ,

Radiohaastattelu, Jari Niemelä, 17.11.2006, Finland

radiohaastattelu, Jari Niemelä, 17.11.2006, Finland

Esintyminen Yle-radio 1:n ohjelmassa, Jari Niemelä, 08.03.2008, Finland

Esintyminen Ylen aikainen radio-ohjelmassa, Jari Niemelä, 21.10.2008, Finland



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

GENU/Hukkinen

Yle-radio 1, Jari Niemelä, 08.03.2008, Sweden

Esiintyminen YLE Radion Uutispuntari-ohjelmassa, Jari Niemelä, 18.06.2010, Finland

Vesa Yli-Pelkonen ,

Radioesiintyminen Ylen Radio Suomi, Vesa Yli-Pelkonen, 22.01.2008, Finland

Radioesiintyminen ohjelmassa Studio Sisä, Vesa Yli-Pelkonen, 17.04.2008, Sweden

Jussi Pakkasvirta ,

haastattelu Radio Uno, Jussi Pakkasvirta, 30.03.2007 → 31.12.2011, Finland

haastattelu, Radio Nederland, Jussi Pakkasvirta, 25.08.2007 → 31.12.2011, Finland

Radio Argentina, Jussi Pakkasvirta, 12.01.2008 → 31.12.2011, Finland

Finnish Broadcasting Company (Yleisradio), Jussi Pakkasvirta, 12.2010

Heikki Patomäki ,

Napit vastakkain ohjelma YLE radio 1, 5.10. klo 17.00 ja uusintana perjantaina 7.10 kello 14.03, Heikki Patomäki, 01.01.2005 → 31.12.2011, Finland

Radio-Suomi, 14.12.2005 (myös uusintoja; ja myöhemmin joulukuussa Liisa Jaakonsaaren ja Osmo Soininvaaran haastattelu siitä, onko Patomäki oikeassa)., Heikki Patomäki, 01.01.2005 → 31.12.2011, Finland

YLE Radio Vega, Heikki Patomäki, 02.06.2005 → 31.12.2011, Finland

radio YLE1, Heikki Patomäki, 16.03.2005 → 31.12.2011, Finland

Teivo Teivainen ,

Radio-haastattelu/Lähi radio, Teivo Teivainen, 30.08.2008 → 31.12.2011, Finland

Ruotsinkielisten radio-uutisten haastattelu, Teivo Teivainen, 08.10.2008 → 31.12.2011, Finland

Suomenkielisten radio-uutisten haastattelu, Teivo Teivainen, 10.10.2008 → 31.12.2011, Finland

Timo Kaartinen ,

Aamun Peili (Yleisradio), Timo Kaartinen, 14.12.2005 → 31.12.2011, Finland

Participation in TV programme

Annukka Berg ,

YLE: Kaakkois-Suomen uutiset, Annukka Berg, 25.08.2010

Jari Niemelä ,

Esiintyminen YLE:n Uutisissa, Jari Niemelä, 08.10.2010, Finland

Joni Valkila ,

Kehitys Utveckling 2/2007, Joni Valkila, 01.01.2007 → 31.12.2011, Finland

TV1, uutiset: "Reilun kaupan kahvin hintahyöty jää Suomessa enimmäkseen kaupalle", Joni Valkila, 22.11.2010

Heikki Patomäki ,

Ajankohtaisen kakkosen, YLE TV2, Heikki Patomäki, 12.04.2005 → 31.12.2011, Finland

MTV3, Heikki Patomäki, 09.03.2005 → 31.12.2011, Finland

Teivo Teivainen ,

A-Studio haastattelu (TV), Teivo Teivainen, 09.10.2008 → 31.12.2011, Finland

Dokumentti Teivo Teivaisesta Teema-kanavalla (TV), Teivo Teivainen, 13.10.2008 → 31.12.2011, Finland

TV uutisten haastattelu (TV Nytt), Teivo Teivainen, 09.10.2008 → 31.12.2011, Finland

Timo Kaartinen ,

Kult-TV (TV1:n kulttuuri- ja ajankohtaisohjelma), Timo Kaartinen, 15.01.2005 → 31.12.2011, Finland



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

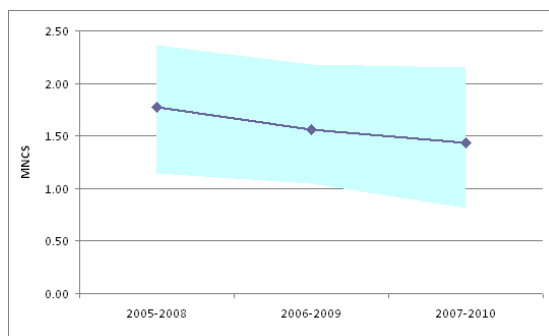
Web of Science(WoS)-based bibliometrics of the RC's publications data 1.1.2005-31.12.2010
by CWTS, Leiden University, the Netherlands

Research Group: Hukkinen J

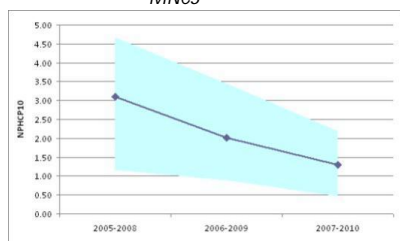
Basic statistics

Number of publications (P)	50
Number of citations (TCS)	254
Number of citations per publication (MCS)	5.16
Percentage of uncited publications	32%
Field-normalized number of citations per publication (MNCS)	1.57
Field-normalized average journal impact (MNJS)	1.44
Field-normalized proportion highly cited publications (top 10%)	1.78
Internal coverage	.51

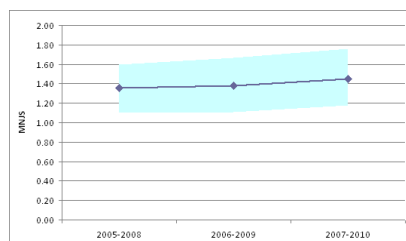
Trend analyses



MNCS

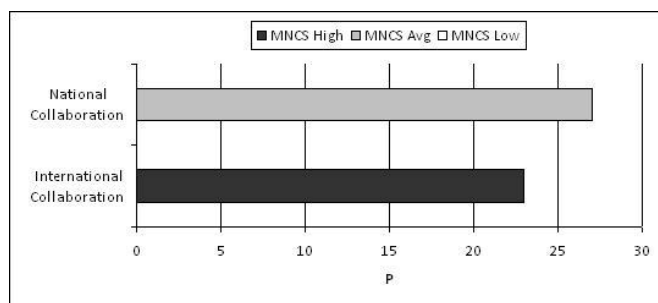


THCP10



MNJS

Collaboration



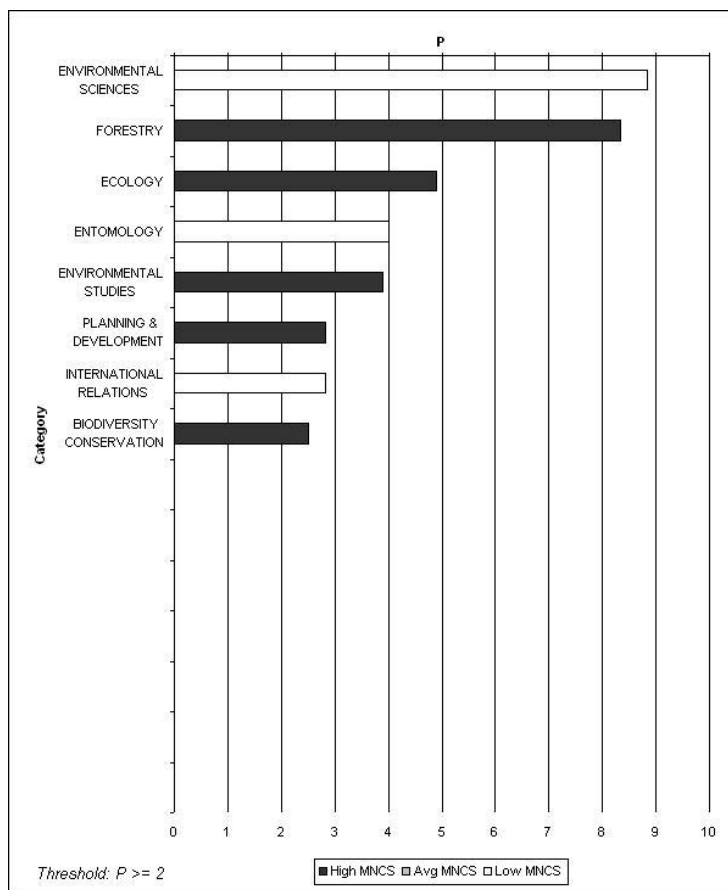
Performance (MNCS) by collaboration type



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

Web of Science(WoS)-based bibliometrics of the RC's publications data 1.1.2005-31.12.2010
by CWTS, Leiden University, the Netherlands

Research profile



Appendix B.b.

Maria Forsman, Chief Information Specialist, DSocSc
Helsinki University Library 7.7.2011

The bibliometric analyses by Helsinki University Library (HULib)

Background: The bibliometric analyses – especially citation analyses – have raised a lot of discussion and critics among researchers in social sciences and humanities. Researchers view that bibliometric analyses are often unfair to these fields of sciences because they do not give a good enough picture of the publishing. Citation databases – Web of Science and Scopus – cover only weakly the main publications in these fields. Also, in humanities and social sciences monograph is still the main form of publishing, and it does not include in these article databases.

At the University of Helsinki, the above mentioned concerns have been taken into account in the evaluation. The Evaluation Office has ordered analyses from the Helsinki University Library (HULib) for the participating researcher communities that are weakly represented in Web of Science. The database for the HULib analyses is TUHAT (<https://tuhat.halvi.helsinki.fi/portal/en/>) including all the publications that the researchers have considered important.

Based on this data, information specialists at HULib have carried out the following analyses:

- 1) Number of authors/publication/year as a table; a pie of authors/publication in the period 2005-2010;
- 2) Language of publication/year; a pie of language of publication in the period 2005-2010;
- 3) Articles/journal/year; journals have been compared by ISSN with the Norwegian, Australian and ERIH (2007-2008) journal ranking lists; number of articles in ranked journals;
- 4) Publisher/monograph type (according to TUHAT database); monographs have been compared with the Norwegian publisher ranking list. According to this, it has been counted how many monographs are published by a leading scientific publisher (2) or a scientific publisher (1).
- 5) Conference publications (from TUHAT database) especially in computer sciences; compared with the Australian conference ranking list.

Where relevant, some additional analyses and notes concerning the publication culture of a scientific field have been added. Overall, these analyses complement the other evaluation material and lists of the publications of the participating researcher communities.

If the publications of the RCs were less than 50 or/and the internal coverage less than 40 percentage, the WoS analyses were considered not reliable. These RCs were 58 altogether.

In addition, both Leiden and Library analyses were done to the RCs if WoS analyses covered less than 40 per cent of the peer review (A+C) publications of the RC. These RCs were 8 altogether.

The appendix includes the analyses of the RC under discussion.

**Analysis of publications by Helsinki University
Library – 66 RCs altogether**

Biological, Agricultural and Veterinary Sciences

Luukkanen, Olavi – VITRI
Valsta, Lauri – SUVALUE

Natural Sciences

Abrahamsson, Pekka – SOFTSYS
Kangasharju, Jussi – NODES
Ukkonen, Esko – ALKO
Väänänen, Jouko – HLG

Humanities

Aejmelaesus, Anneli – CSTT
Anttonen, Pertti – CMVG
Dunderberg, Ismo – FC
Havu, Eva – CoCoLaC
Heikkilä, Markku – RCSP
Heinämaa, Sara – SHC
Henriksson, Markku – CITA
Janhunen, Juha – LDHFTA
Kajava Mika, – AMNE
Klippi, Anu – Interaction
Knuuttila, Simo – PPMF
Koskenniemi, Kimmo – BAULT
Lauha, Aila – CECH
Lavento, Mika – ARCH-HU
Lukkarinen, Ville – AHCI
Lyytikäinen, Pirjo – GLW
Mauranen, Anna – LFP
Meinander, Henrik – HIST
Nevalainen, Terttu – VARIENG
Pettersson, Bo – ILLC
Pulkkinen, Tuija – Gender Studies
Pyrhönen, Heta – ART
Ruokanen, Miikka – RELDIAL
Saarinen, Risto – RELSOC
Sandu, Gabriel – LMPS
Tarasti, Eero – MusSig
Vehmas-Lehto, Inkeri – TraST
Östman, Jan-Ola – LMS

Social Sciences

Airaksinen, Timo – PPH
Engeström, Yrjö – CRADLE
Granberg, Leo – TRANSRURBAN
Haila, Anne – Sociopolis
Hautamäki, Jarkko – CEA
Heinonen, Visa – KUMU
Helén, Ilpo – STS
Hukkinen, Janne – GENU
Jallinoja, Riitta – SBII
Kaartinen, Timo – SCA
Kettunen, Pauli – NordSoc
Kivinen, Markku – FCREES
Koponen, Juhani – DEVERELE
Koskenniemi, Martti – ECI
Kultti, Klaus – EAT
Lahelma, Elina – KUFÉ
Lanne, Markku – TSEM
Lavonen, Jari – RCMSE
Lehtonen, Risto – SocStats
Lindblom-Yläne, Sari – EdPsychHE
Nieminen, Hannu – MECOL
Nuotio, Kimmo – Law
Nyman, Göte – METEORI
Ollikainen, Markku – ENFIFO
Pirttilä-Backman, Anna-Maija – DYNASOBIC
Rahkonen, Keijo – CulCap
Roos, J P – HELPS
Simola, Hannu – SOCE-DGI
Sulkunen, Pekka – PosPus
Sumelius, John – AG ECON
Vaattovaara, Mari – STRUTSI
Vainio, Martti – SigMe

The next appendix includes the analyses of the
RC under discussion.

INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY
OF HELSINKI

30.6.2011/MH&MF 19.4.2012/A-KH

PUBLICATION DATA 2005-2010

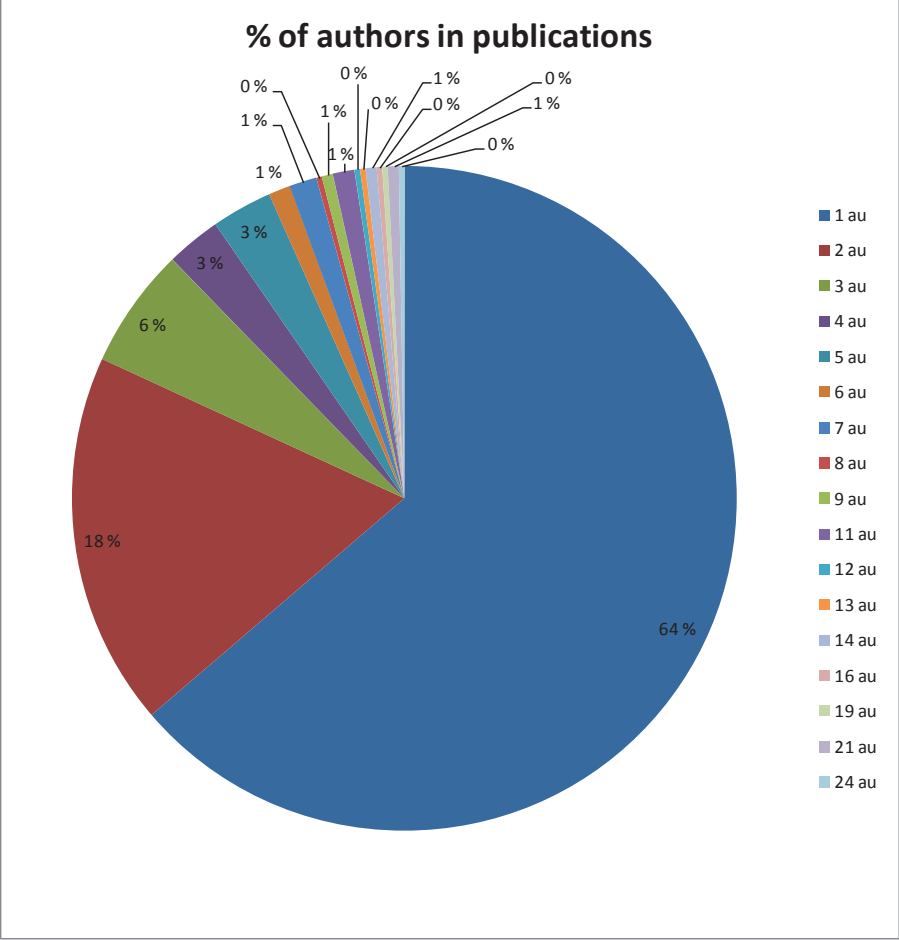
RC/GENU/Hukkinen

Category 4. *The research of the participating community represents an innovative opening.*

A new opening can be an innovative combination of research fields, or it can be proven to have a special social, national or international demand or other significance. Even if the researcher community in its present composition has yet to obtain proof of international success, its members can produce convincing evidence of the high level of their previous research.

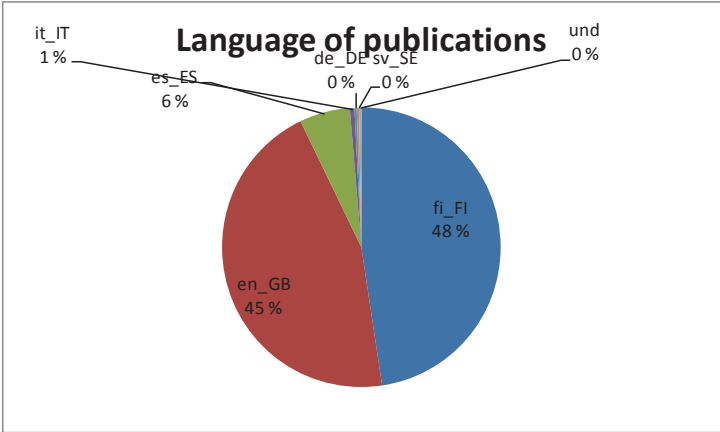
Number of authors in publications/year

Authors	2005	2006	2007	2008	2009	2010	Grand Total
1	32	37	49	52	42	27	239
2	10	17	11	12	9	9	68
3	1	5	5	3	4	4	22
4	2	4		1	2	1	10
5		4		3	2	2	11
6	1	2				1	4
7	1		1		1	2	5
8			1				1
9					1	1	2
11		1			1	2	4
12	1						1
13				1			1
14		1		1			2
16	1						1
19					1		1
21						2	2
24			1				1
Grand Total	49	71	68	73	63	51	375



Language of publication / Year

Language	2005	2006	2007	2008	2009	2010	(blank)	Grand Total
de_DE					1			1
en_GB	18	26	34	29	32	30	2	171
es_ES	5	4	2	7	3	1		22
fi_FI	24	41	31	36	27	20	1	180
it_IT	1		1					2
sv_SE	1							1
und				1				1
Grand Total	49	71	68	73	63	51	3	378



Journal / Year / Total

Journals	2005	2006	2007	2008	2009	2010	Grand Total
Helsingin Sanomat	2	10	3	3	5	5	28
Luonnonsuojelija : Suomen luonnonsuojeluliiton jäsenlehti.		6	7	6	6		25
Yliopisto : Helsingin yliopiston tiedelehti	4	4	2	1			11
Voima.	5		1	2			8
Biodiversity and Conservation	2				1	2	5
Suomen Antropologi		2	2		1		5
Forest Ecology and Management		2		1	1	1	5
Futura			1	1	2		4
Globalizations	1	1	1			1	4
Urban Ecosystems		2		1			3
Terra			2	1			3
Current Anthropology		1		1	1		3
Tekniikan näköalat : uudistunut TS-tiedote : uusinta ulkomaista tietoa teollisuussuhteilta				2	1		3
Ympäristö ja terveys				2		1	3
Environmental Values		1	1				2
Tieteessä tapahtuu				2			2
Ecological Economics					1	1	2
Journal of Industrial Ecology			1			1	2
International Studies Review		1		1			2
Kosmopolis		1	1				2
Agriculture, Ecosystems & Environment	1			1			2
Landscape and Urban Planning			1		1		2
Theory, Culture & Society		1		1			2
Cooperation and Conflict				2			2
El Norte		1		1			2
Näköalat						2	2
Ydin : rauhanpoliittinen aikakauslehti		1		1			2
Papeles de cuestiones internacionales.		1	1				2
Framework : the finnish art review				2			2
Journal of critical realism.		1				1	2
Journal of Insect Conservation		1	1				2
[Ulkoasiainministeriön WWW-sivut]		1					1
Poromies.					1		1
Yhdyskuntasuunnittelu				1			1
Ethnologia Scandinavica						1	1
Revista de Universidad y Sociedad del Conocimiento		1					1
European Journal of Entomology						1	1
Urban Forestry & Urban Greening					1		1
European Society for Ecological Economics Newsletter					1		1
Development in Practice				1			1
Financial Times						1	1
Re-public		1					1
Alue ja ympäristö					1		1
Diploblogi			1				1
Forest Policy and Economics	1						1
Ecological Indicators						1	1
Ambio						1	1
Energy Policy				1			1
Annals of forest research : journal of forestry and environmental sciences						1	1
ESEE newsletter				1			1
Futures : the journal of forecasting and planning						1	1
Polemi						1	1
Global.finland.fi : kehityskymykset ja globaalikasvatus		1					1
Recursos naturales y ambiente	1						1
Annals of Forest Science					1		1
Review of International Political Economy					1		1
Arena Journal				1			1
Science					1		1
Helsingin Sanomat. Kuukausiliite				1			1
Sustainability: Science, Practice, & Policy	1						1

International Archives of Allergy and Immunology				1			1
Third World Quarterly					1		1
International Journal of Interdisciplinary Social Sciences						1	1
Ulkopolitiikka		1					1
International political sociology				1			1
Widener law review.			1				1
International Relations					1		1
World Social Forum	1						1
A Propos			1				1
Aikuiskasvatus	1						1
Janus : sosiaalipolitiikan ja sosiaalityön tutkimuksen aikakauslehti					1		1
Ord & Bild	1						1
Journal of Biogeography		1					1
Papeles de relaciones ecosociales y cambio global.				1			1
Journal of Business Ethics						1	1
Political Geography	1						1
Boreal Environment Research					1		1
Progress in Industrial Ecology					1		1
Journal of Environmental Planning and Management				1			1
Refugee Watch						1	1
Climatic Change					1		1
Research Policy						1	1
[Ilmo Massan kotisivut]	1						1
Revista Argentina de Econom�a y Ciencias Sociales				1			1
Journal of Peasant Studies					1		1
Ritsumeikan annual review of international studies					1		1
Journal of transdisciplinary environmental studies TES.	1						1
Small-scale forest economics, management and policy		1					1
Kepan verkkouutiset		1					1
Suomen Kuvalehti		1					1
Conservation Biology			1				1
Ecography	1						1
Afriche e orienti.				1			1
Ecological Entomology						1	1
Landscape Ecology				1			1
Tiede				1			1
Agriculture and Human Values						1	1
Työmaana maailma			1				1
Maaseudun tulevaisuus			1				1
Agriculture, Ecosystems &				1			1
Maaseudun uusi aika : maaseutututkimuksen ja -politiikan aikakauslehti.		1					1
Vaihtoehtoista riidanratkaisua vai vaihtoehtoista konfliktinratkaisua?	1						1
Management of Environmental Quality		1					1
WIP-uutiset	1						1
Millennium : journal of international studies.			1				1
World Development	1						1
New Political Science					1		1
Environmental Policy and Governance						1	1
Newsletter of the International Political Economy section of the International Studies Association	1						1
Environmental Science &				1			1
Nueva sociedad.				1			1
Development dialogue : a journal of international development cooperation			1				1
Oikeus			1				1
Grand Total	28	49	34	49	36	30	226

Journal ranking

Norway ranking

Level 2 = highest scientific, Level 1= scientific

Australian ranking

A*

Typically an A* journal would be one of the best in its field or subfield in which to publish and would typically cover the entire field/subfield. Virtually all papers they publish will be of a very high quality. These are journals where most of the work is important (it will really shape the field) and where researchers boast about getting accepted. Acceptance rates would typically be low and the editorial board would be dominated by field leaders, including many from top institutions.

A

The majority of papers in a Tier A journal will be of very high quality. Publishing in an A journal would enhance the author's standing, showing they have real engagement with the global research community and that they have something to say about problems of some significance. Typical signs of an A journal are lowish acceptance rates and an editorial board which includes a reasonable fraction of well known researchers from top institutions.

B

Tier B covers journals with a solid, though not outstanding, reputation. Generally, in a Tier B journal, one would expect only a few papers of very high quality. They are often important outlets for the work of PhD students and early career researchers. Typical examples would be regional journals with high acceptance rates, and editorial boards that have few leading researchers from top international institutions.

C

Tier C includes quality, peer reviewed, journals that do not meet the criteria of the higher tiers.

ERIH ranking 2007-2008

Purpose of The European Reference Index for the Humanities (ERIH) is to develop and to maintain an impact assessment tool for European research journals. Journal classification processes are conducted by discipline-specific expert panels. In the ERIH 2007 Initial List there are three categories:

A = international publications, both European and non-European, with high visibility and influence among researchers in the various research domains in different countries, regularly cited all over the world.

B = international publications, both European and non-European, with significant visibility and influence in the various research domains in different countries.

C = European publications with a recognized scholarly significance among researchers in the respective research domains in a particular readership group in Europe; occasionally cited outside the publishing country, though the main target group is the domestic academic community.

Journal of Environmental Planning and Management	1	1 A									
Climatic Change	1	1 A									
Research Policy	1	2 A*									
Journal of Peasant Studies	1	1 A			B						
Journal of transdisciplinary environmental studies TES.	1	1 C									
Conservation Biology	1	2 A*									
Ecography	1	2 A									
Ecological Entomology	1	1 B									
Landscape Ecology	1	1 B									
Agriculture and Human Values	1	1 B									
Agriculture, Ecosystems & Management of Environmental Quality	1	1 A									
Management of Environmental Quality	1	C									
Millennium : journal of international studies.	1	1 B									
World Development	1	2 A									
New Political Science	1	1 C									
Environmental Policy and Governance	1	1 B									
Environmental Science & Policy	1	1 B									
Grand Total	86										

Amount of ranked articles (Norway)

Norway	Journal articles
Level 2	16
Level 1	63

Amount of ranked articles (Australian)

Australia	Journal articles
Level A*	6
Level A	31
Level B	31
Level C	15

Book publishers

Publisher ranking (based on Norwegian ranking list)

2 = leading scientific

1 =scientific

no = non-scientific or not ranked

C1 Published scientific monograph (14)

C2 Edited book, compilation, conference proceeding or special issue of journal (13)

D5 Text book or professional handbook or guidebook or dictionary (1)

There are 28 monographs, 4 of which is published by a leading scientific publisher and 6 by a scientific publisher.

	c1_scientific_monograph	c2_edited_book_compilation_conferenceproceedings_special	d5_textbook_professional_handbook	Grand Total	Norway publisher ranking
Publisher					
Gaudeamus	1	2		3	1
ROUTLEDGE	3			3	2
WSOY	1	1		2	1
Alma Mater		1		1	
Al-Markaz al-Qaumi?	1			1	
Department of Geography, University of Helsinki	1			1	
Ediciones Abya Yala		1		1	
Editorial de la Universidad de Costa Rica	1			1	
Editorial La Colmena	1			1	
Eduskunnan tulevaisuusvaliokunta		1		1	
Finnish Academy of Science and Letters	1			1	
Finnish Anthropological Society		1		1	
Finnish Environment Institute	1			1	
Finnish Literature Society		1		1	
Institute of Development Studies, University of Helsinki		1		1	
Instituto Renvall		1		1	
Nordregio	1			1	
Pensoft Publishers		1		1	
SAGE		1		1	2
Suomalaisen kirjallisuuden seura		1		1	1
United Nations Research Institute for Social Development	1			1	
Universidad Nacional Mayor de San Marcos	1			1	
WSOY Oppimateriaalit			1	1	
(blank)					
Grand Total	14	13	1	28	

University of Helsinki
Administrative Publications 80/108
Evaluations

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http://www.helsinki.fi/julkaisut/aineisto/rc_evaluation2012/hallinnon_julkaisuja_80_108_2012.pdf



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